

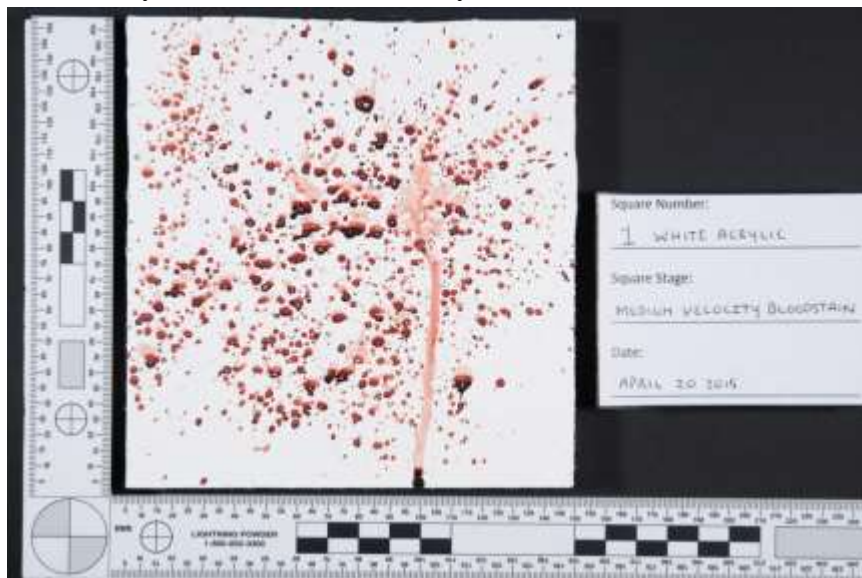
## Appendix: Photographs

### Bloodstain Pattern Stage

#### Appendix 4.1.1. Standard Photography

##### Appendix 4.1.1.1. White Acrylic Bloodstain Pattern Stage

##### White Acrylic 1 – Medium Velocity



##### White Acrylic 2 – Swipe



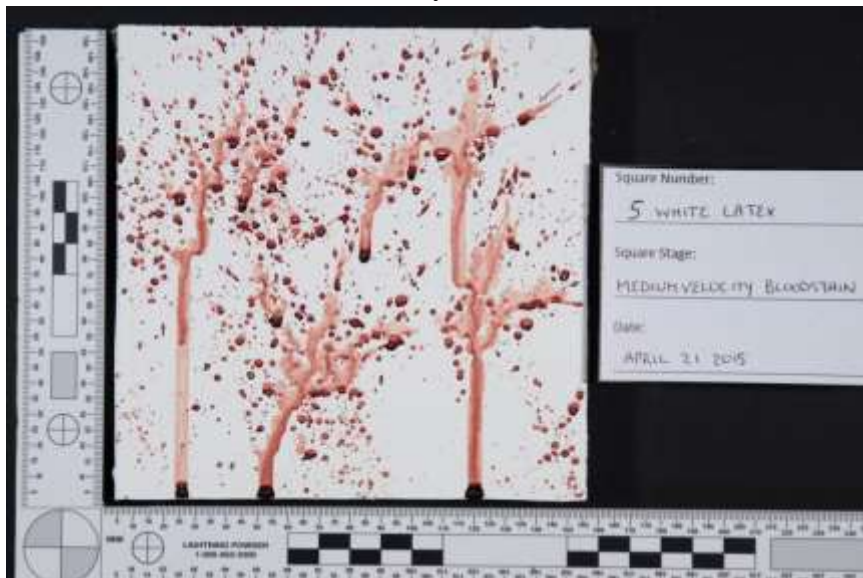
White Acrylic 3 – Saturated



White Acrylic 4 – Control No Bloodstain



Appendix 4.1.1.2. White Latex Bloodstain Pattern Stage  
White Latex 5 – Medium Velocity



White Latex 6 - Swipe



White Latex 7 – Saturated



White Latex 8 – Control No Bloodstain





Appendix 4.1.1.3. Black Latex Bloodstain Pattern Stage  
Black Latex 9 – Medium Velocity



Black Latex 10 - Swipe



Black Latex 11 – Saturated



Black Latex 12 – Control No Bloodstain



Appendix 4.1.1.4. Maroon Latex Bloodstain Pattern Stage  
Maroon Latex 13 – Medium Velocity



Maroon Latex 14 – Swipe



Maroon Latex 15 – Saturated

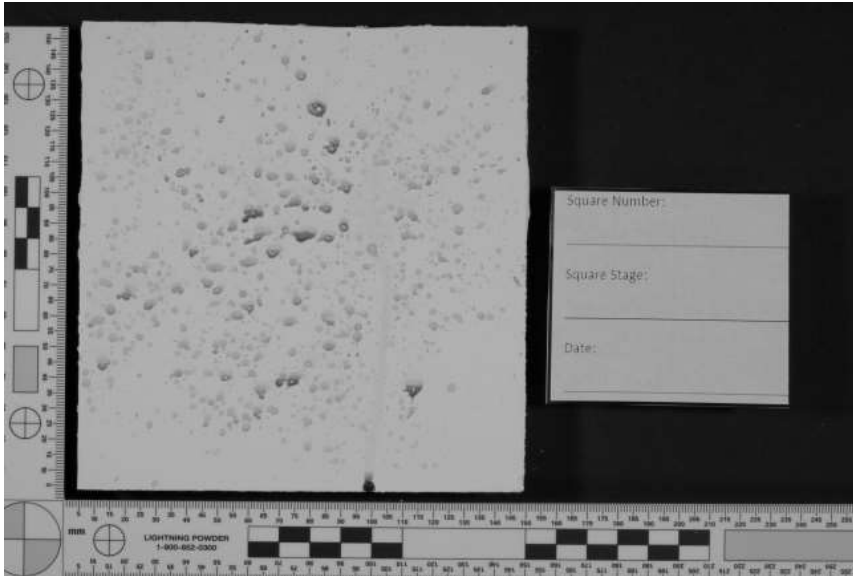


Maroon Latex 16 – Control No Bloodstain

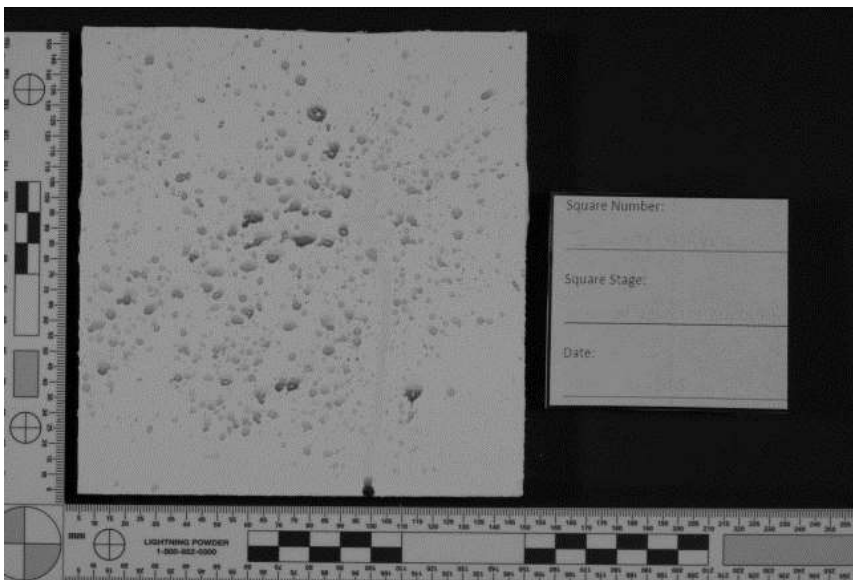


## Appendix 4.1.2. Reflective Infrared Photography

### Appendix 4.1.2.1. White Acrylic Bloodstain Pattern Stage – 70, 87, 87A, 87B, 88A, 89B White Acrylic 1 – Medium Velocity

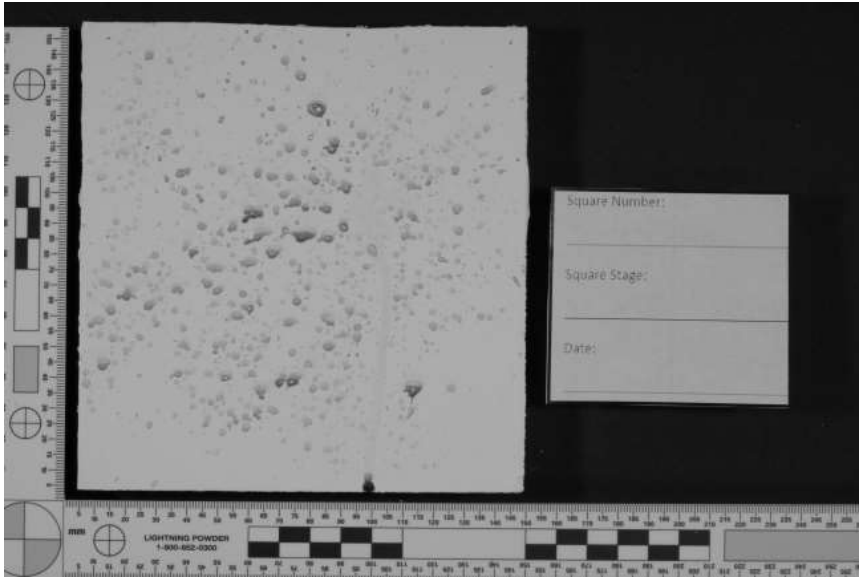


Longpass #70 HDR

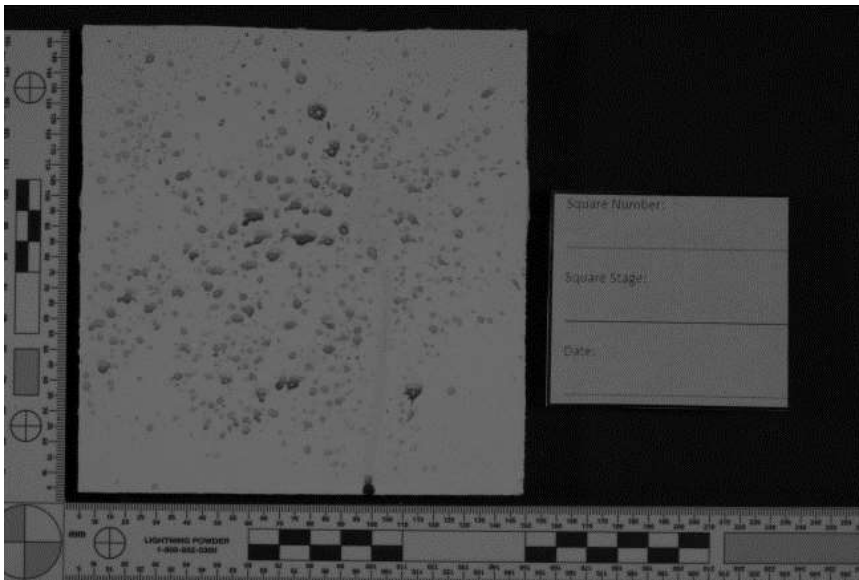


Longpass #70 Single

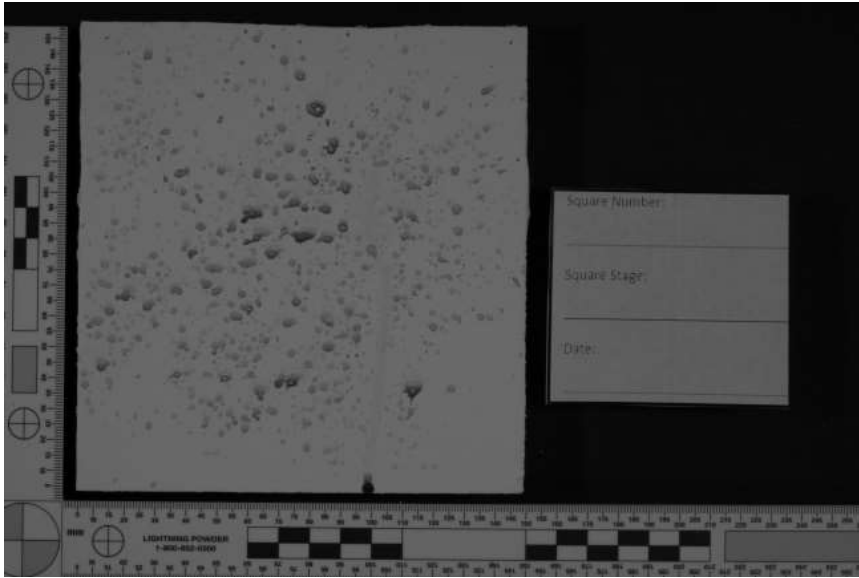




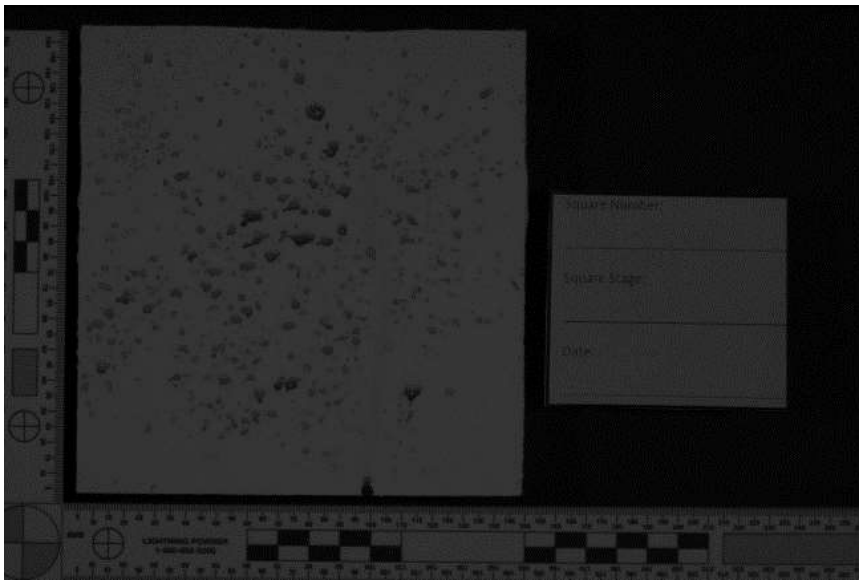
Longpass #87 HDR



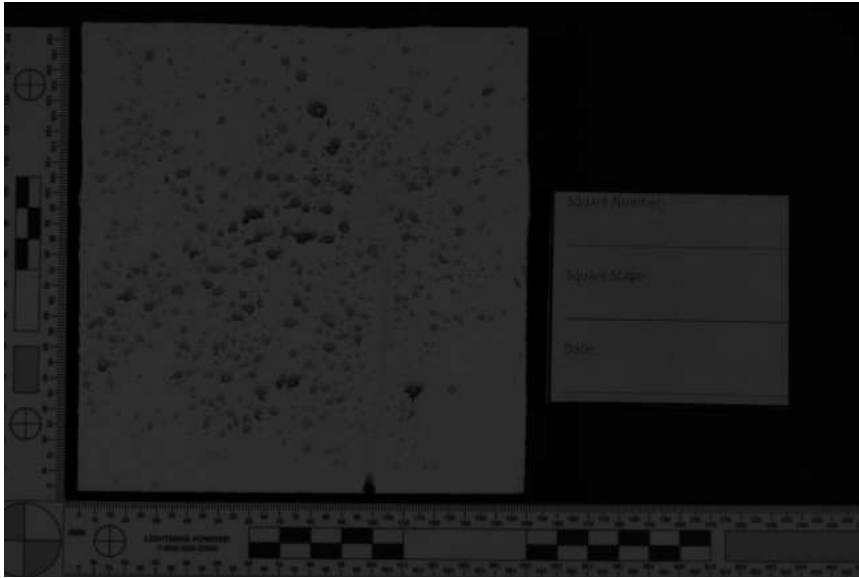
Longpass #87 Single



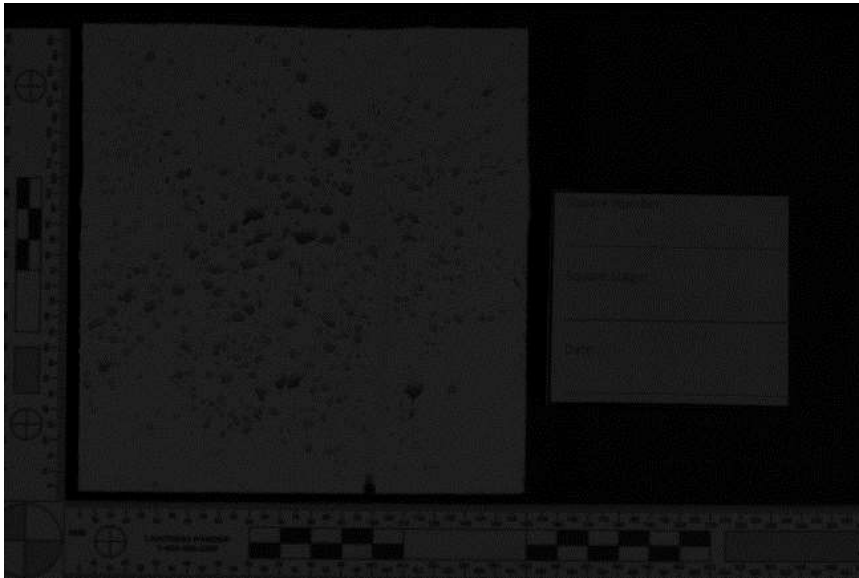
Longpass #87A HDR



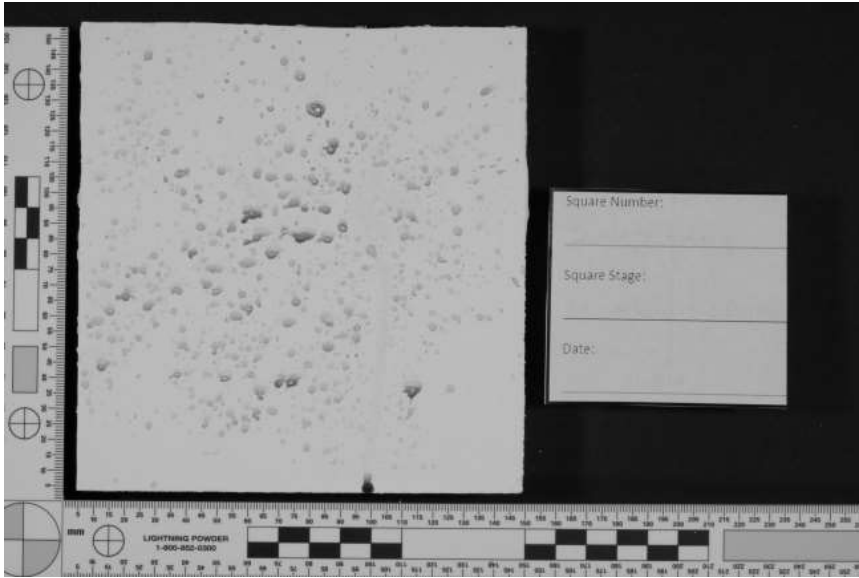
Longpass #87A Single



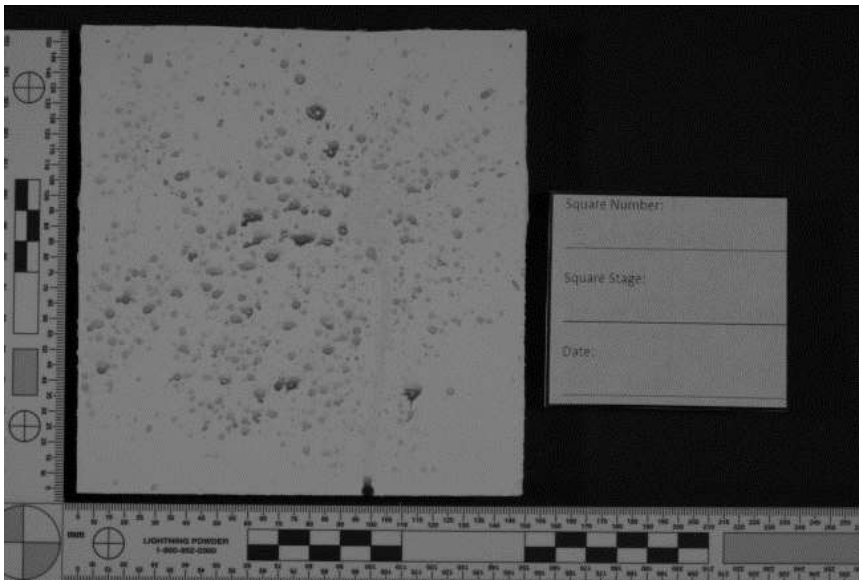
Longpass #87B HDR



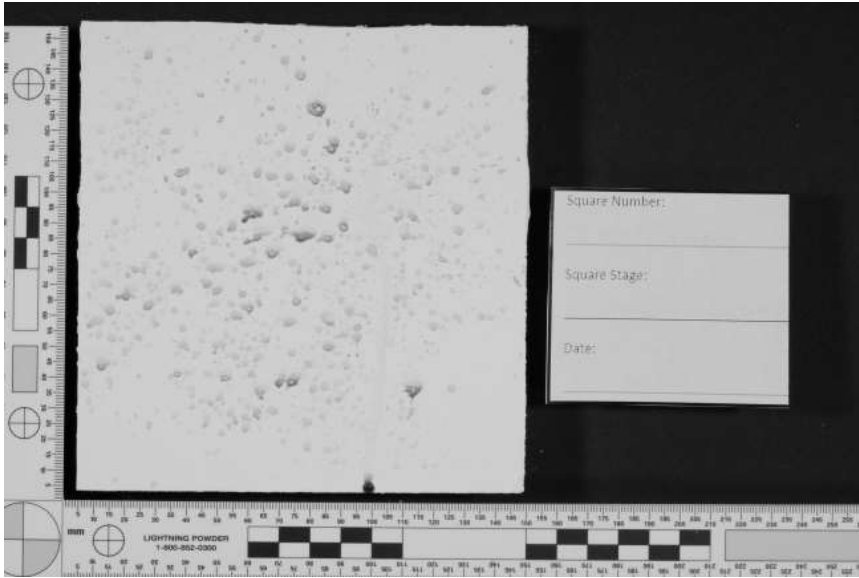
Longpass #87B Single



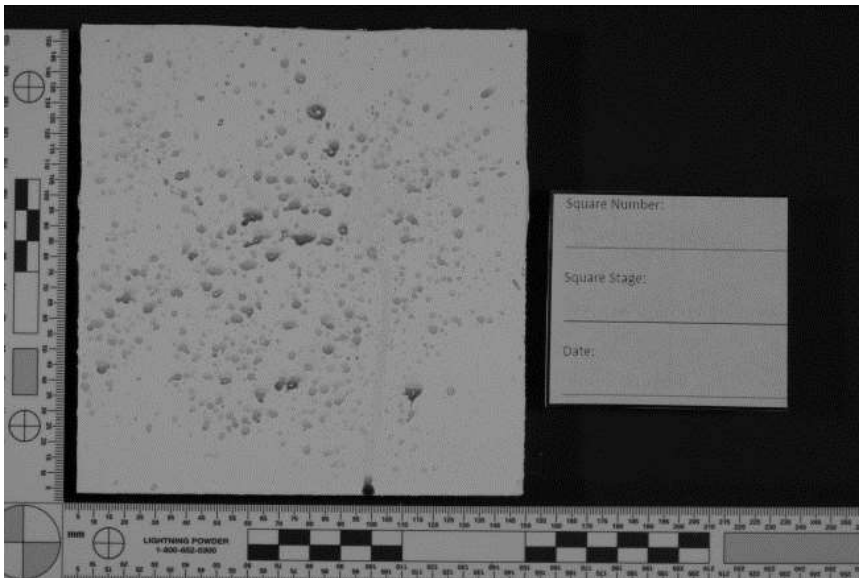
Longpass #88A HDR



Longpass #88A Single



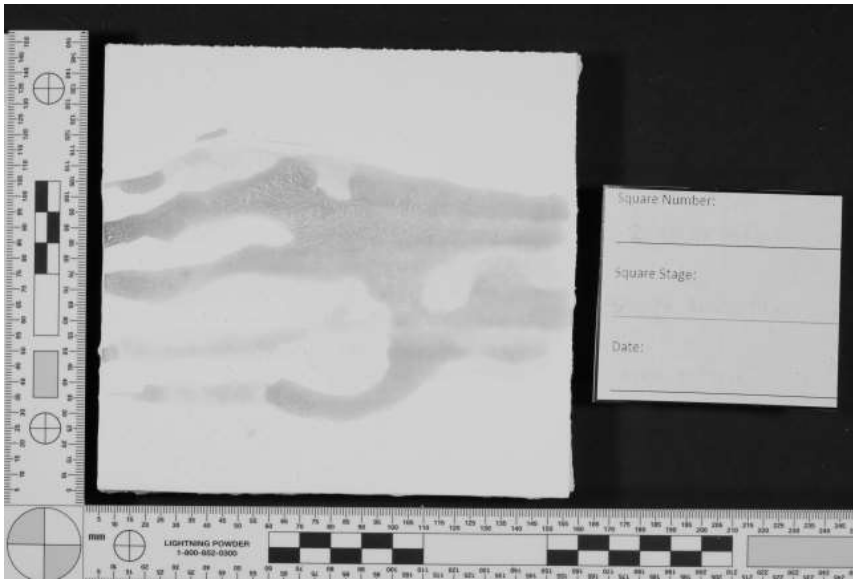
Longpass #89B HDR



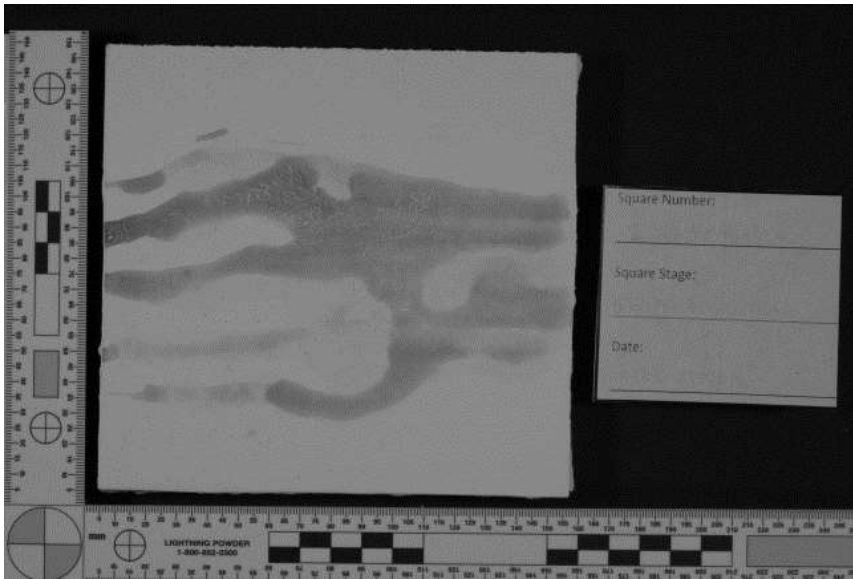
Longpass #89B Single



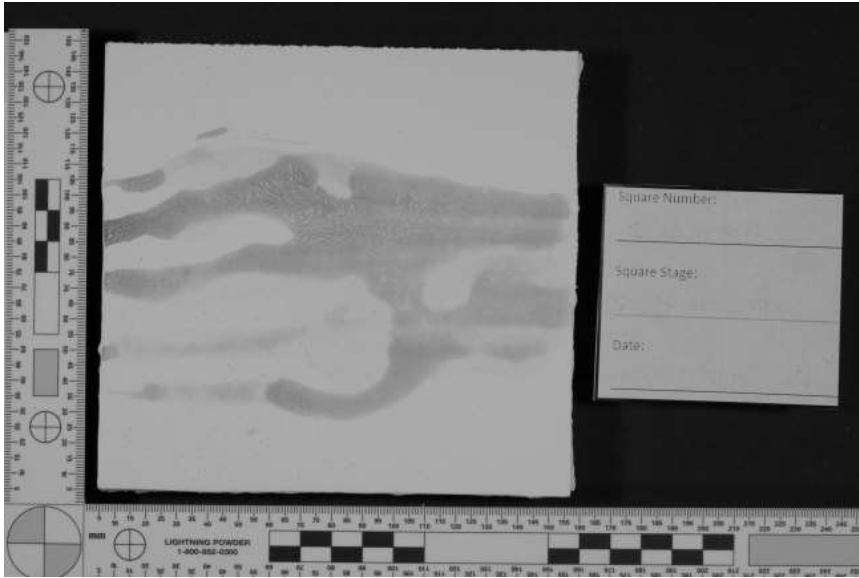
White Acrylic 2 – Swipe



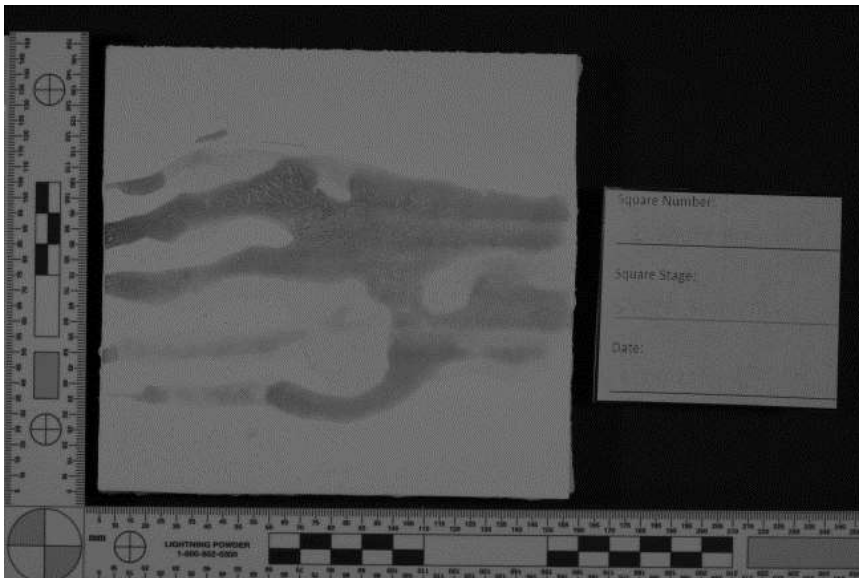
Longpass #70 HDR



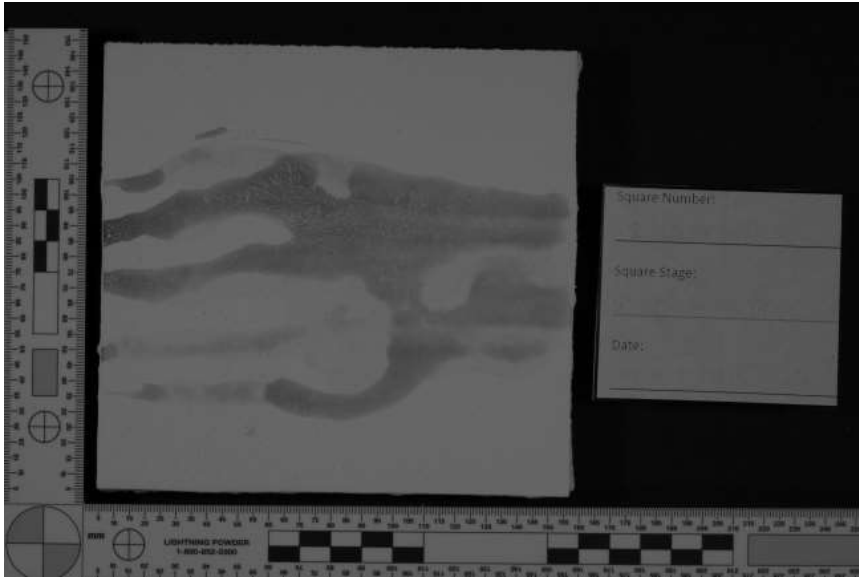
Longpass #70 Single



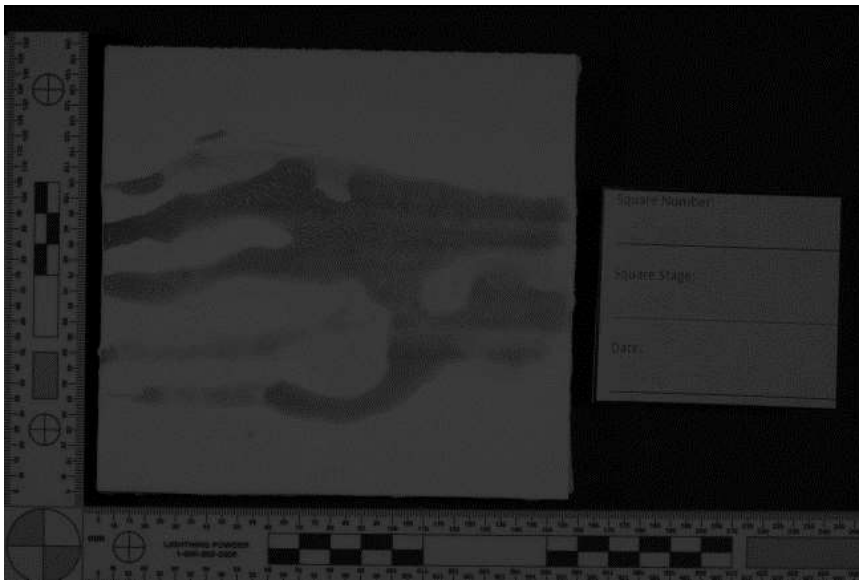
Longpass #87 HDR



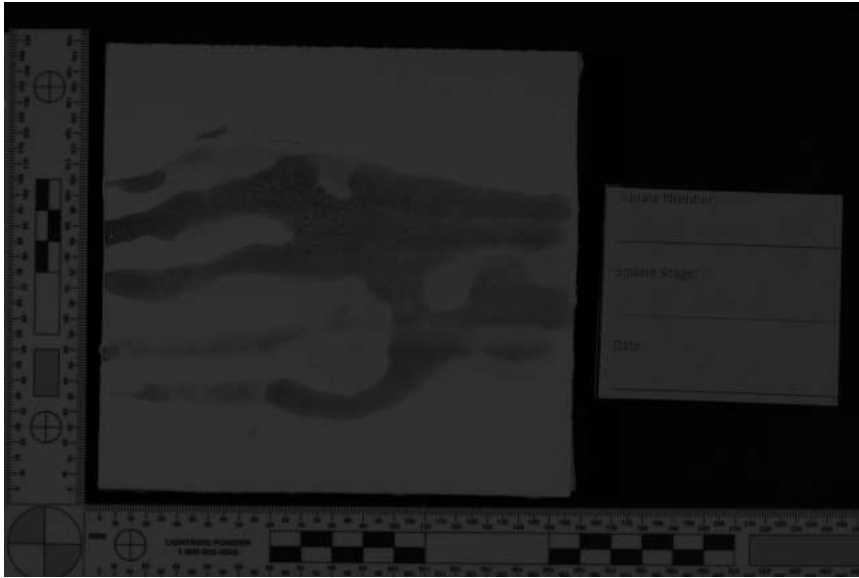
Longpass #87 Single



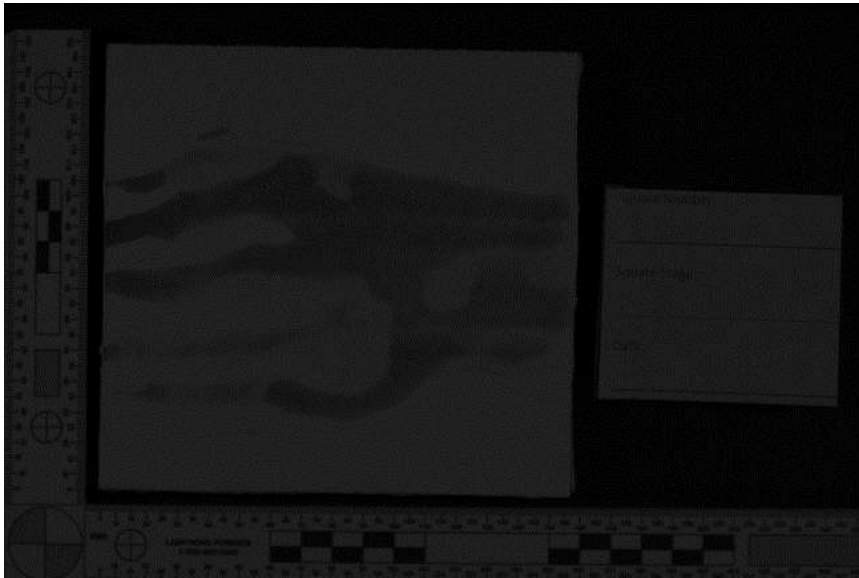
Longpass #87A HDR



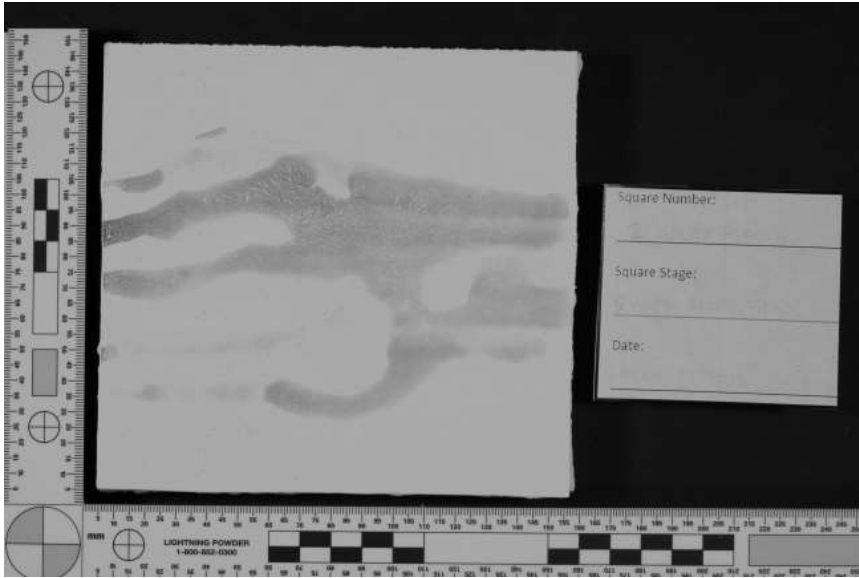
Longpass #87A Single



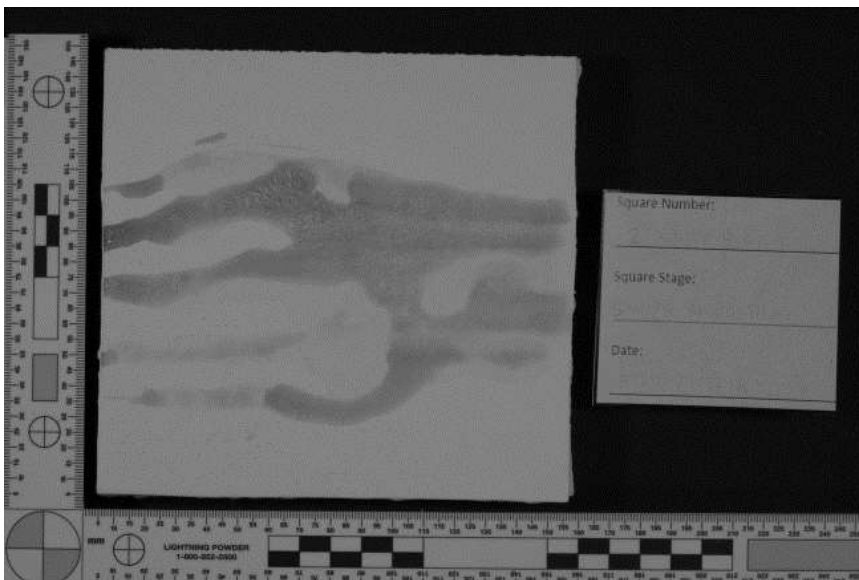
Longpass #87B HDR



Longpass #87B Single

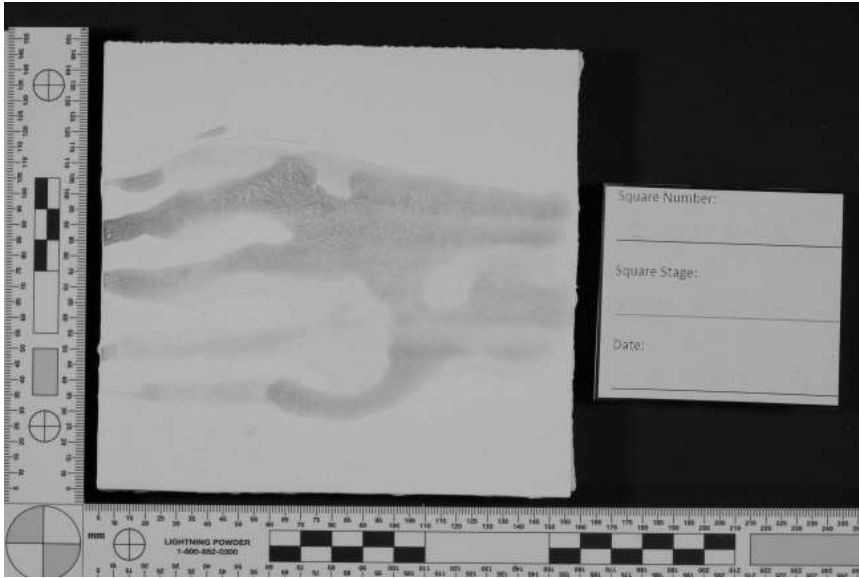


Longpass #88A HDR

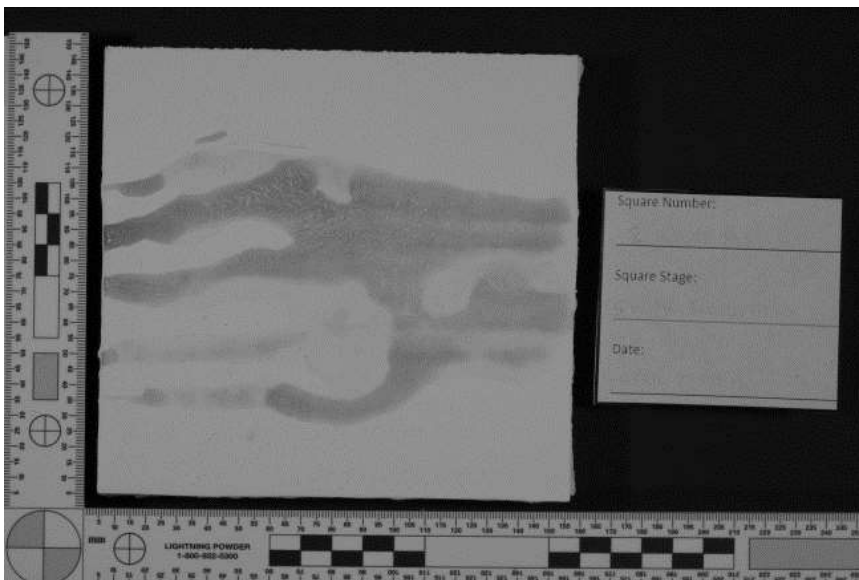


Longpass #88A Single



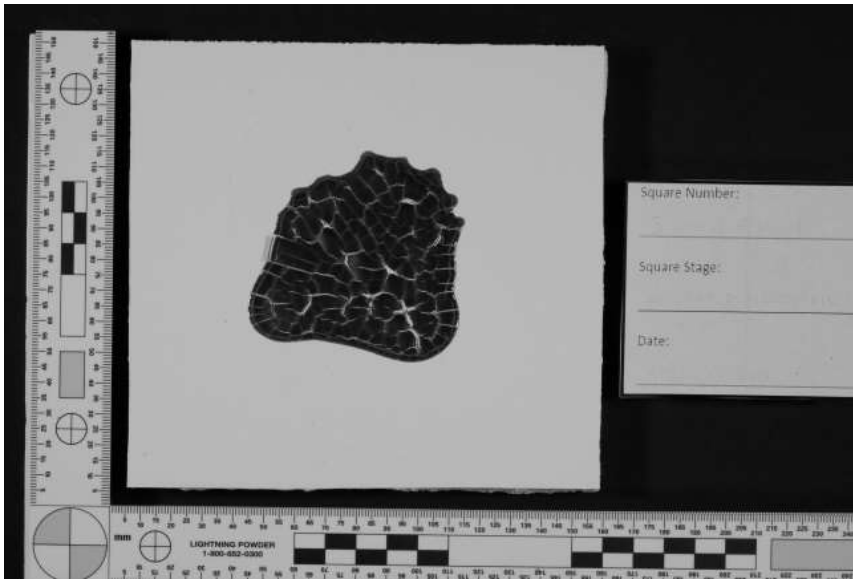


Longpass #89B HDR

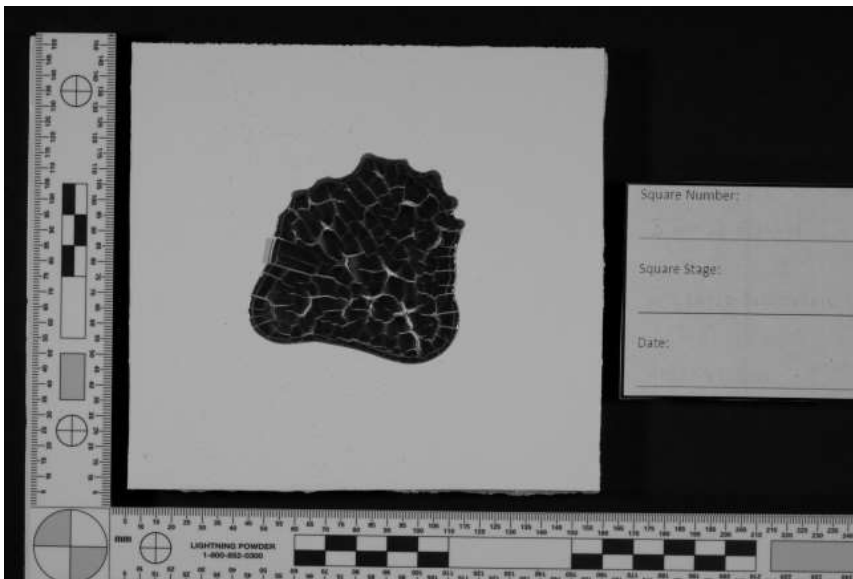


Longpass #89B Single

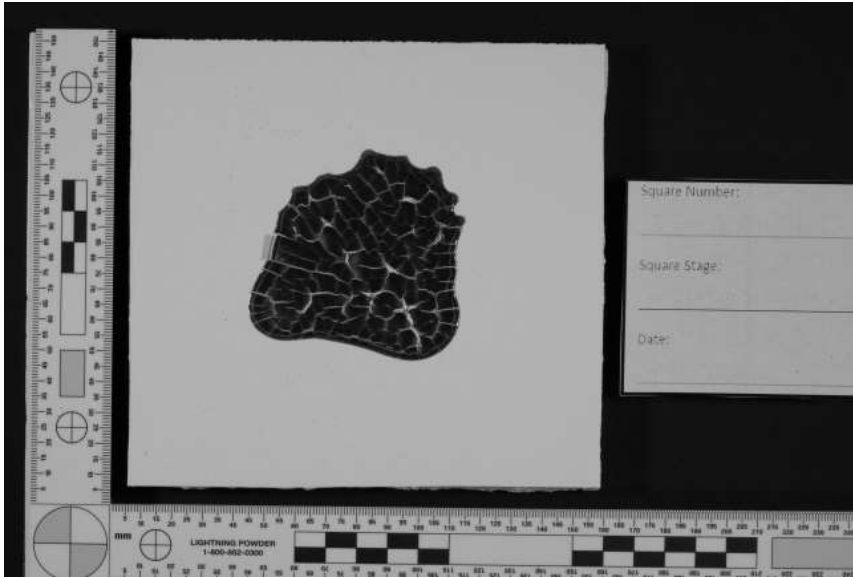
White Acrylic 3 – Saturated



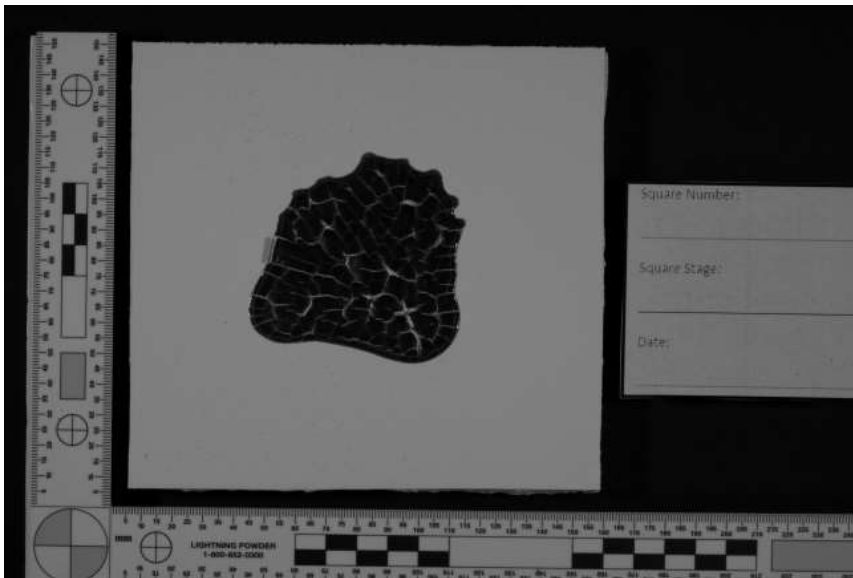
Longpass #70 HDR



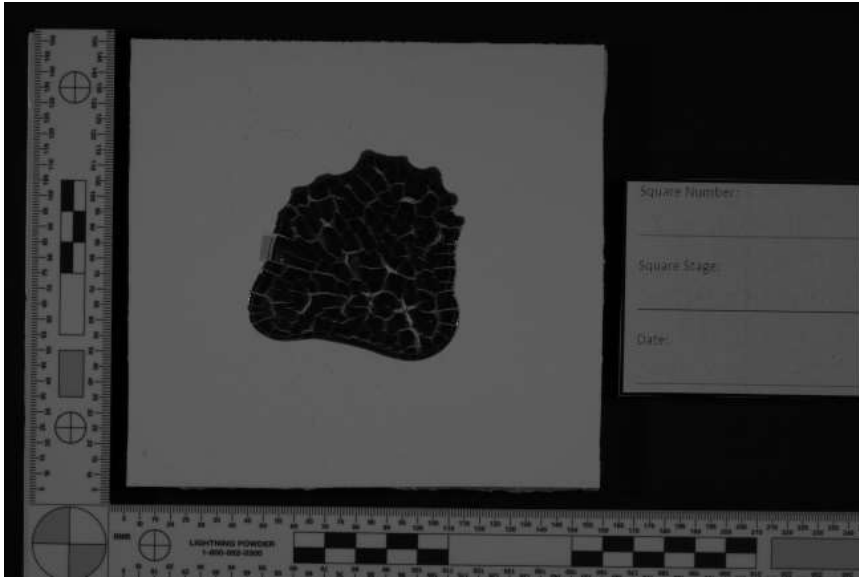
Longpass #70 Single



Longpass #87 HDR



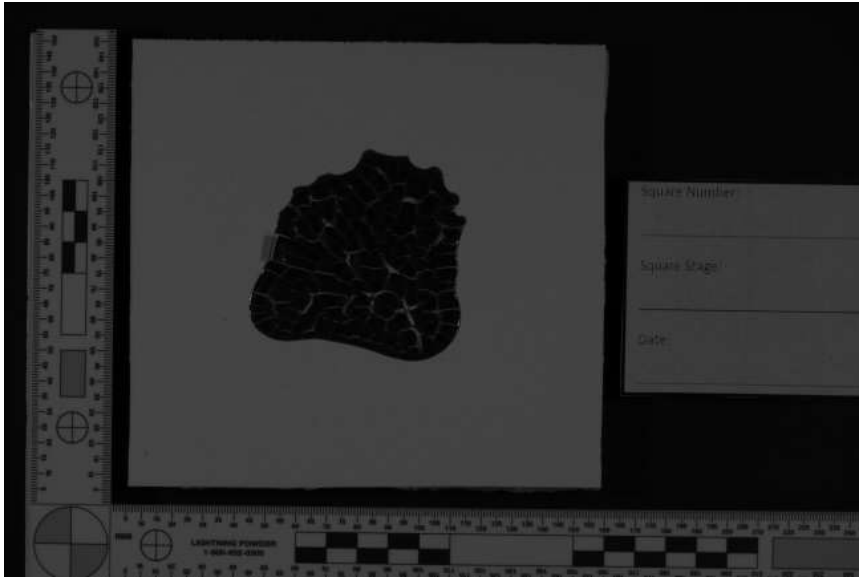
Longpass #87 Single



Longpass #87A HDR



Longpass #87A Single



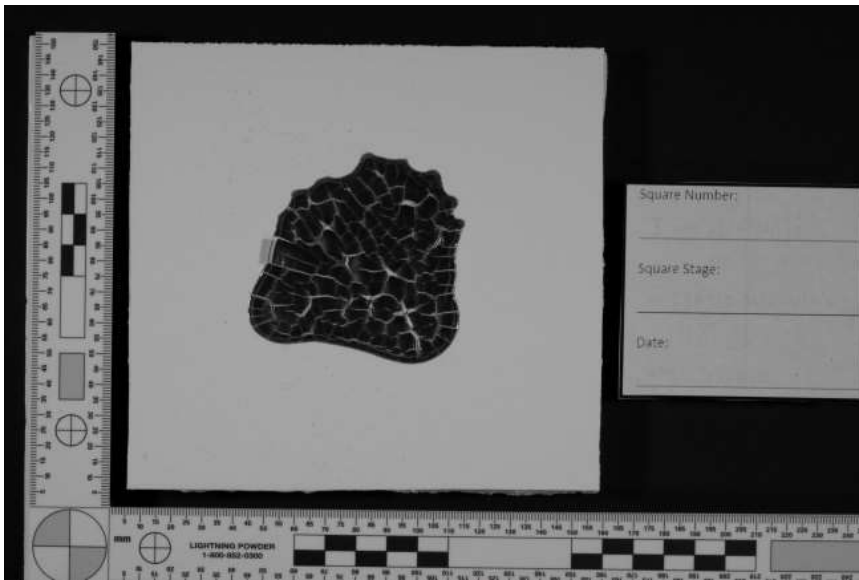
Longpass #87BHDR



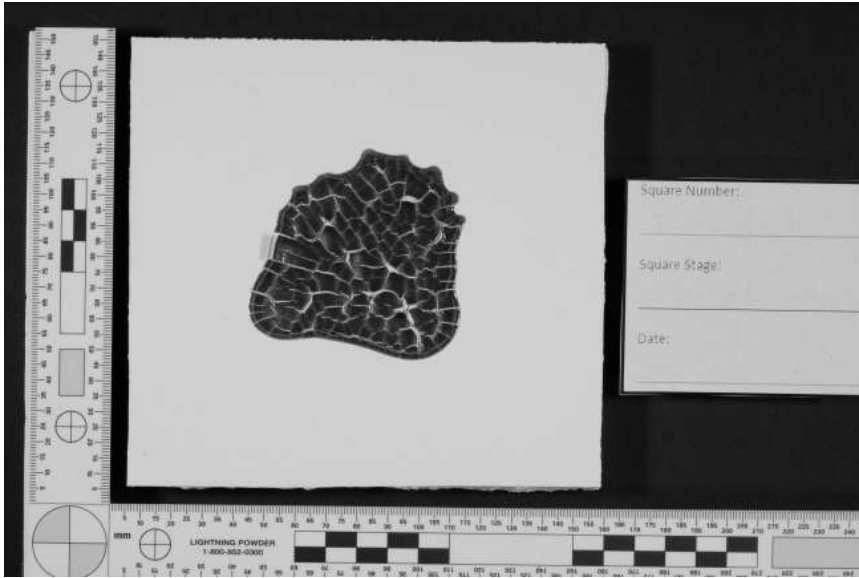
Longpass #87B Single



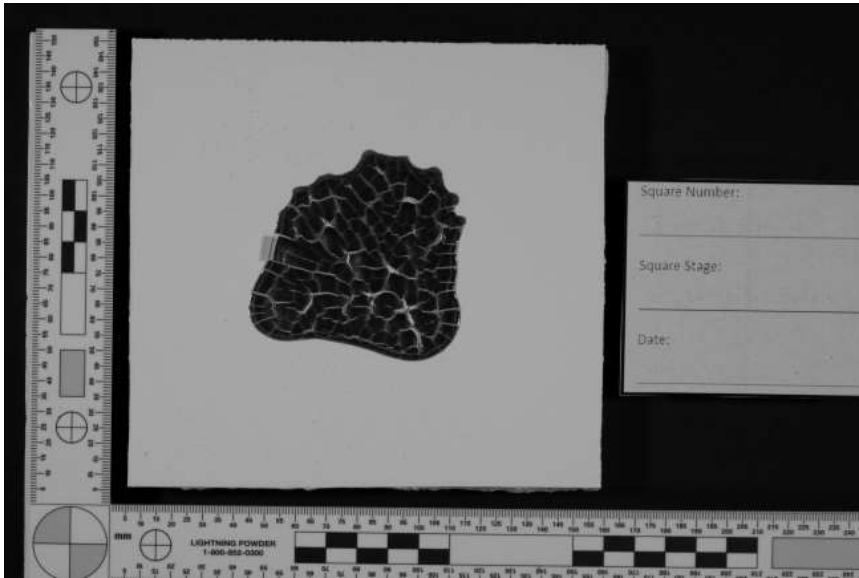
Longpass #88AHDR



Longpass #88A Single

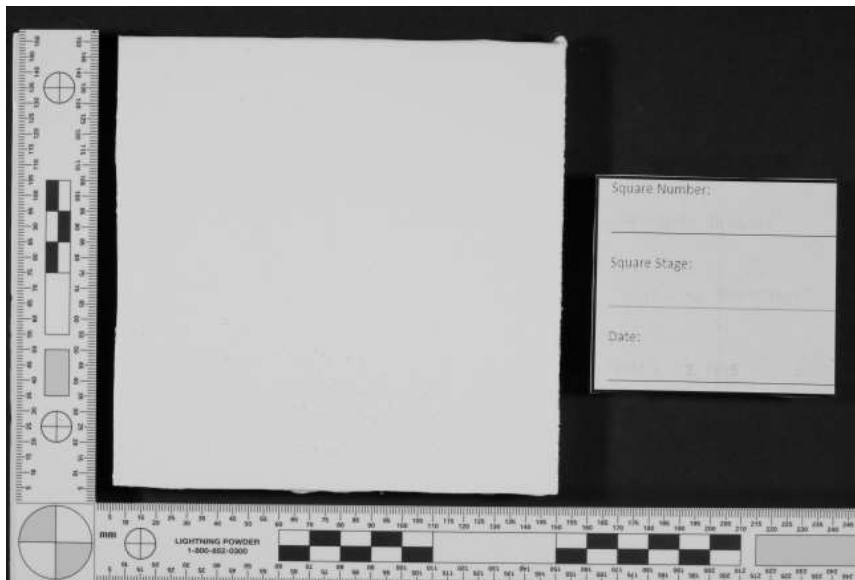


Longpass #89B HDR



Longpass #89B Single

White Acrylic 4 – Control No Blood



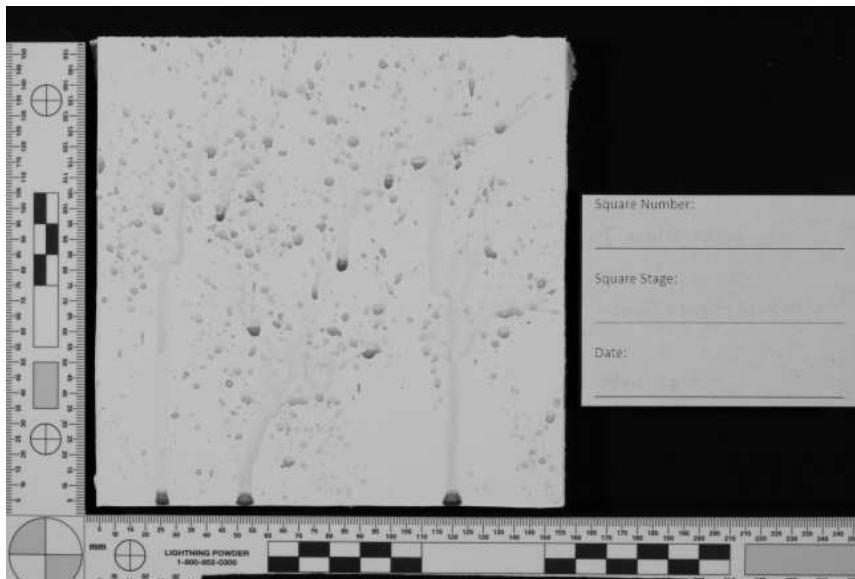
Longpass #70 HDR



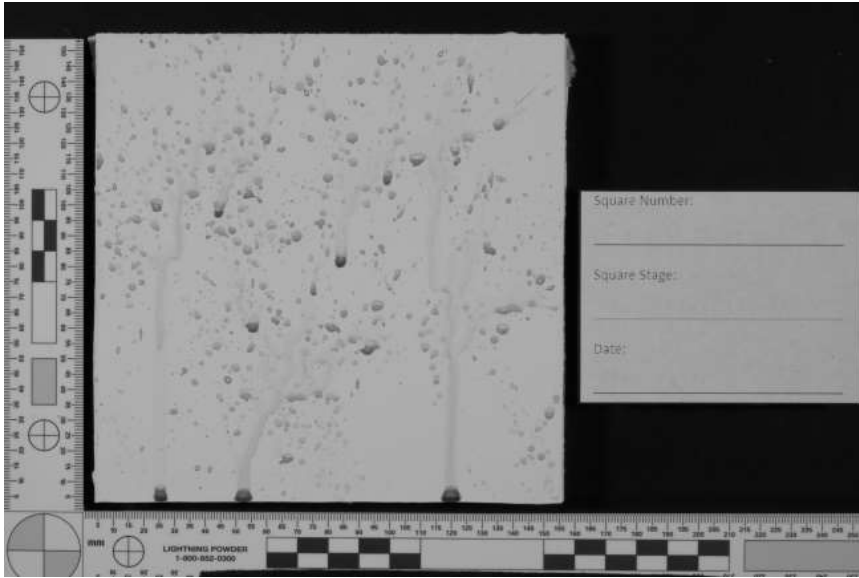
Appendix 4.1.2.2. White Latex – 70, 87, 87A, 87B, 88A, 89B Bloodstain pattern stage  
White Latex 5 – Medium Velocity



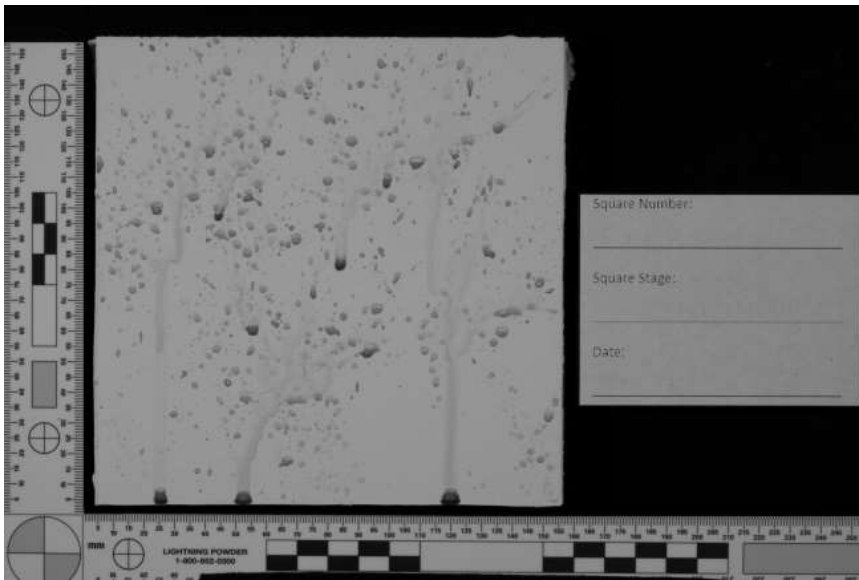
Longpass #70 HDR



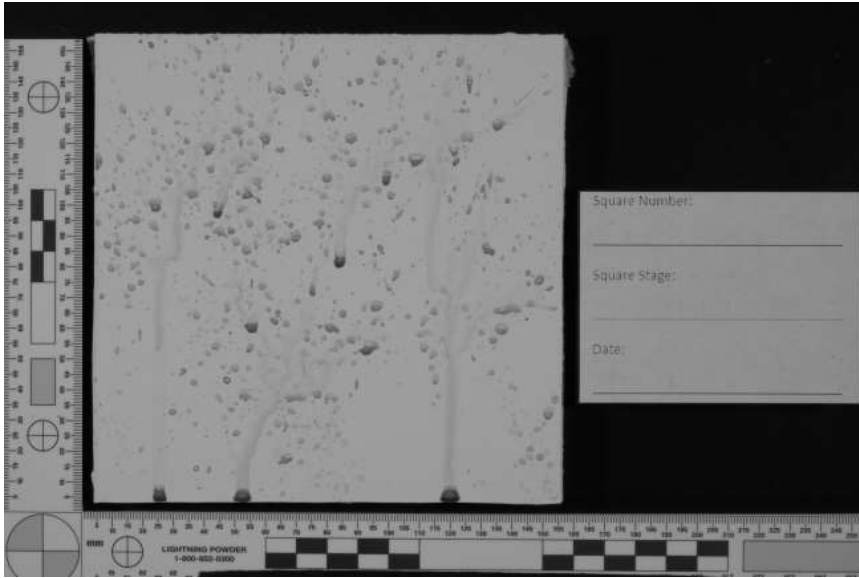
Longpass #70 Single



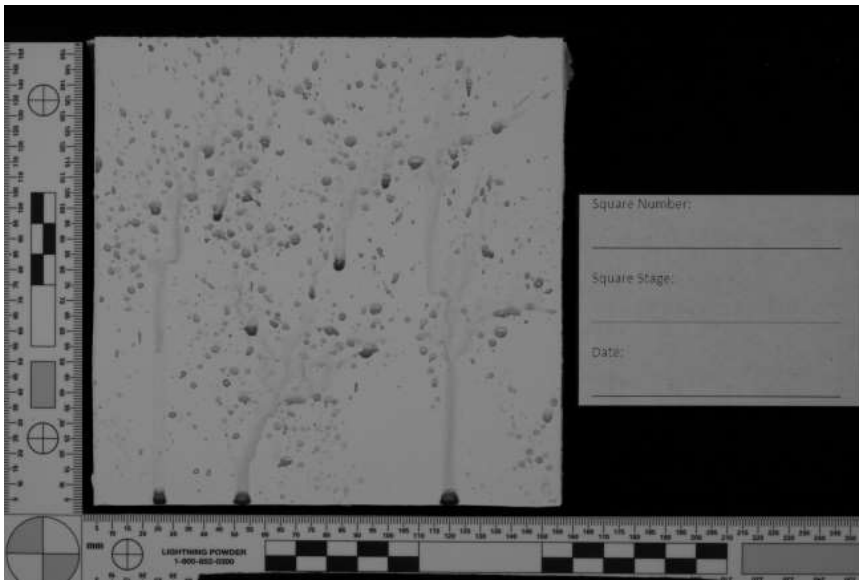
Longpass #87 HDR



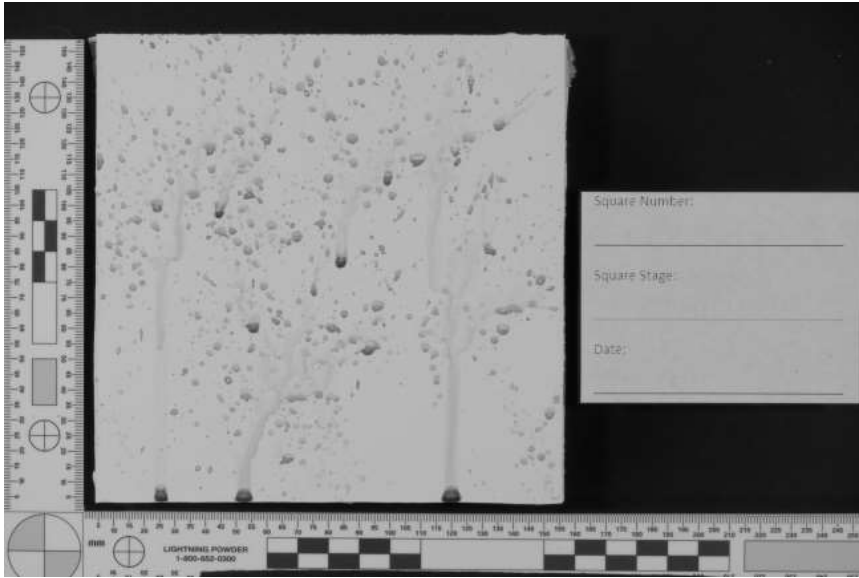
Longpass #87 Single



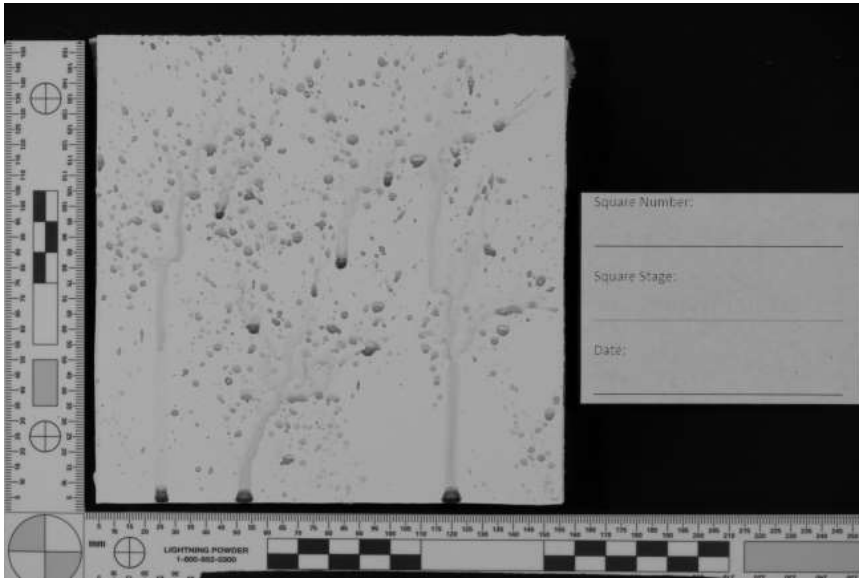
Longpass #87A HDR



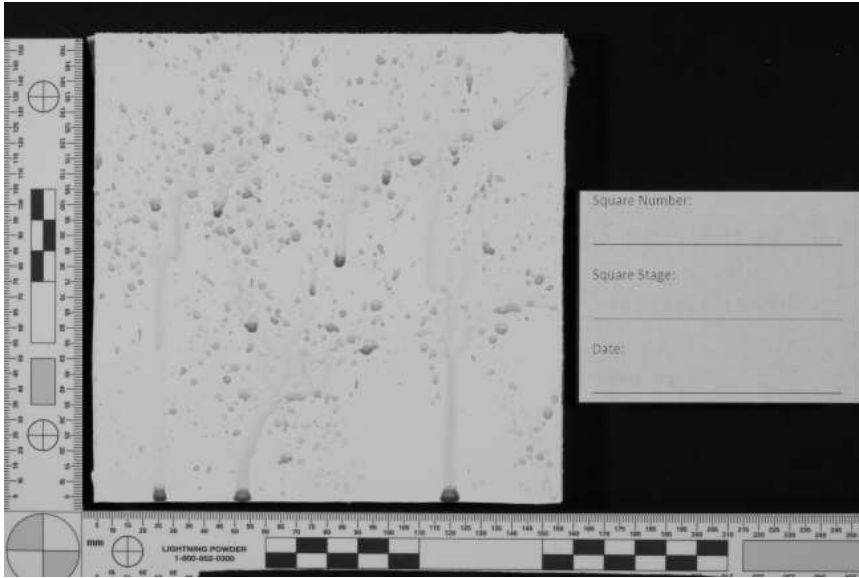
Longpass #87A Single



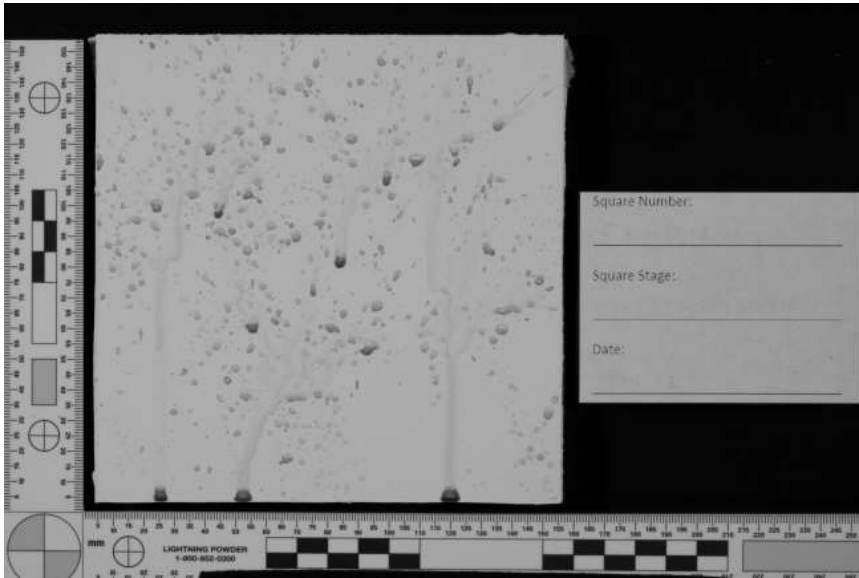
Longpass #87B HDR



Longpass #87B Single



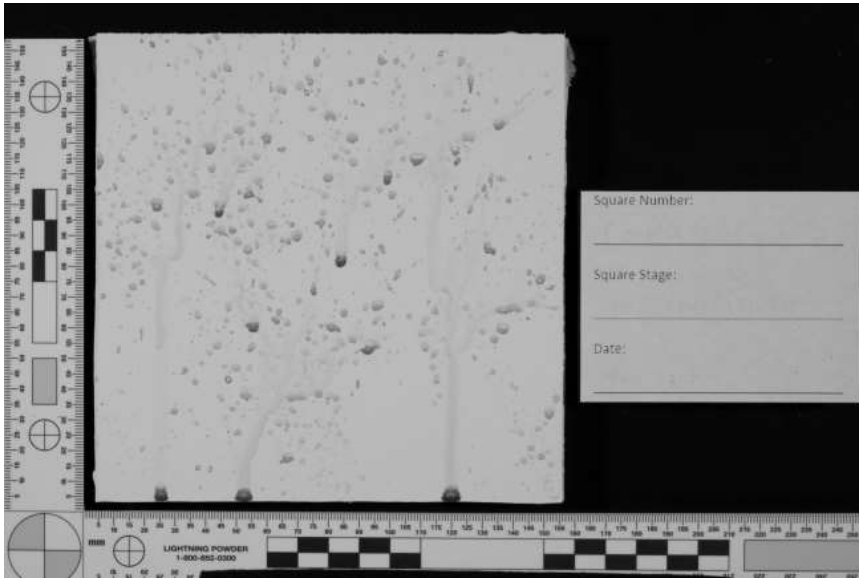
Longpass #88A HDR



Longpass #88A Single

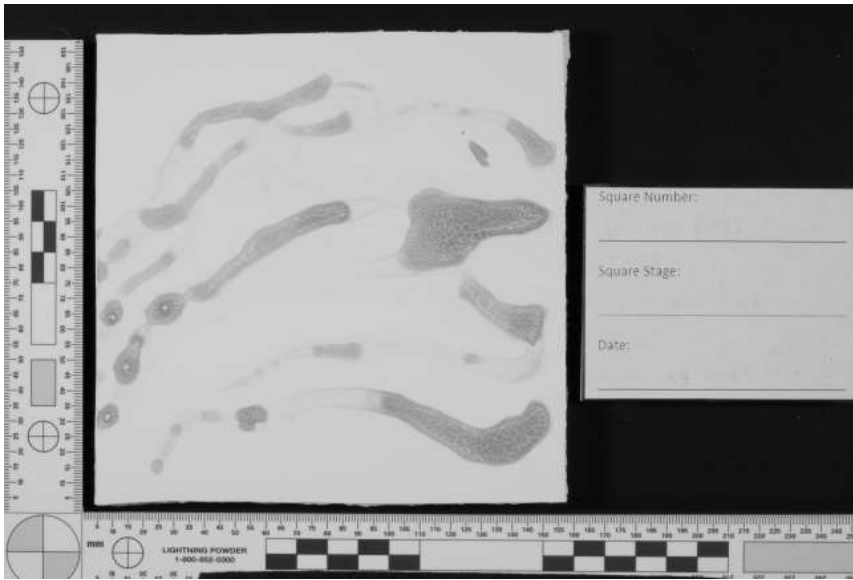


Longpass #89B HDR

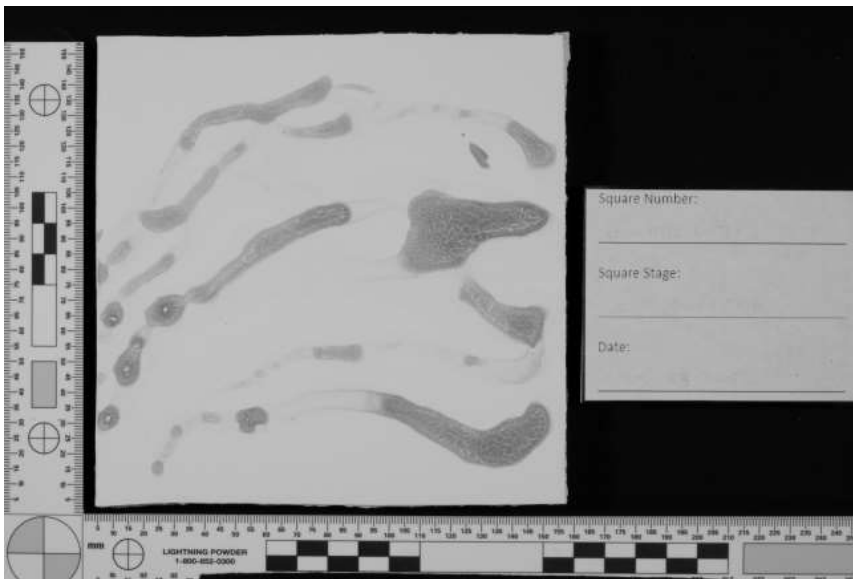


Longpass #89B Single

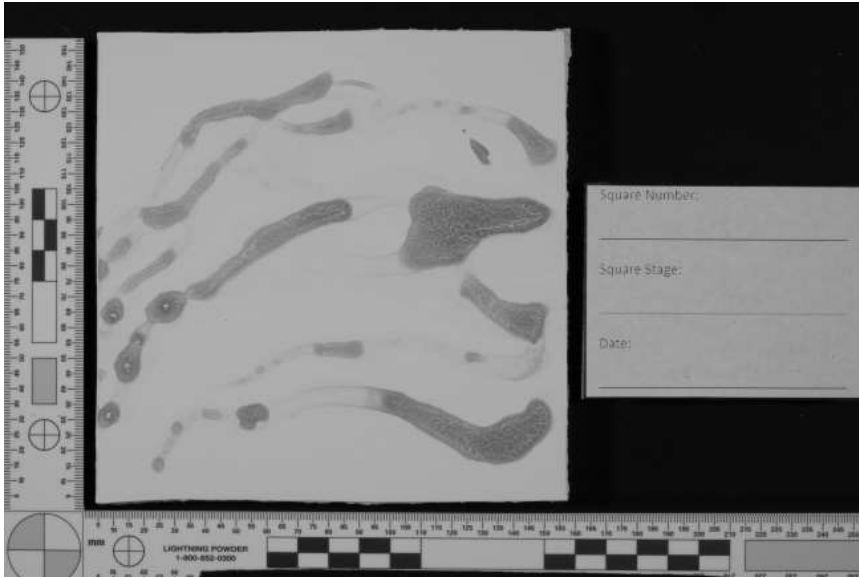
White Latex 6 – Swipe



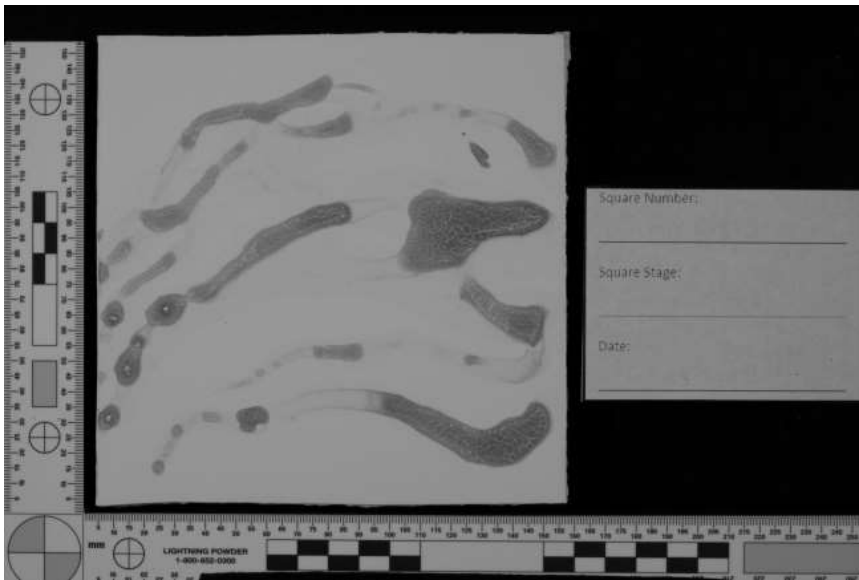
Longpass #70 HDR



Longpass #70 Single

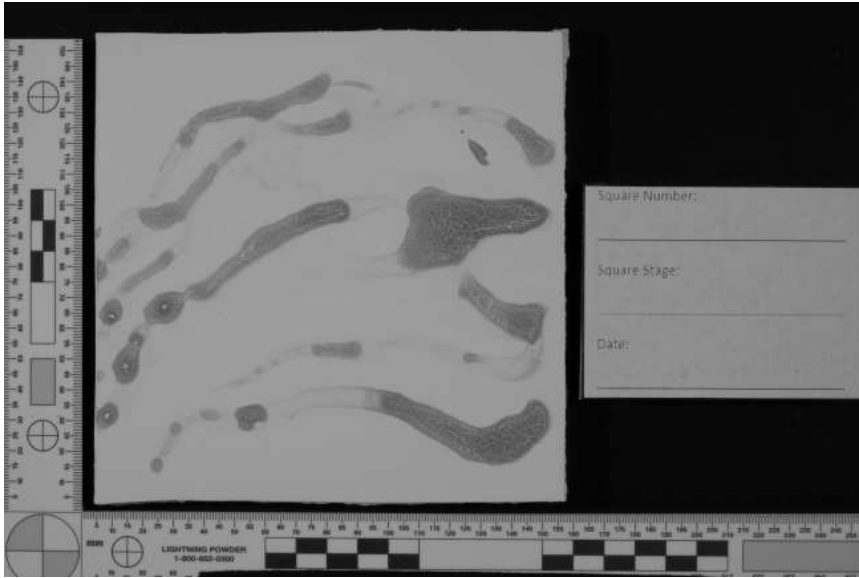


Longpass #87 HDR

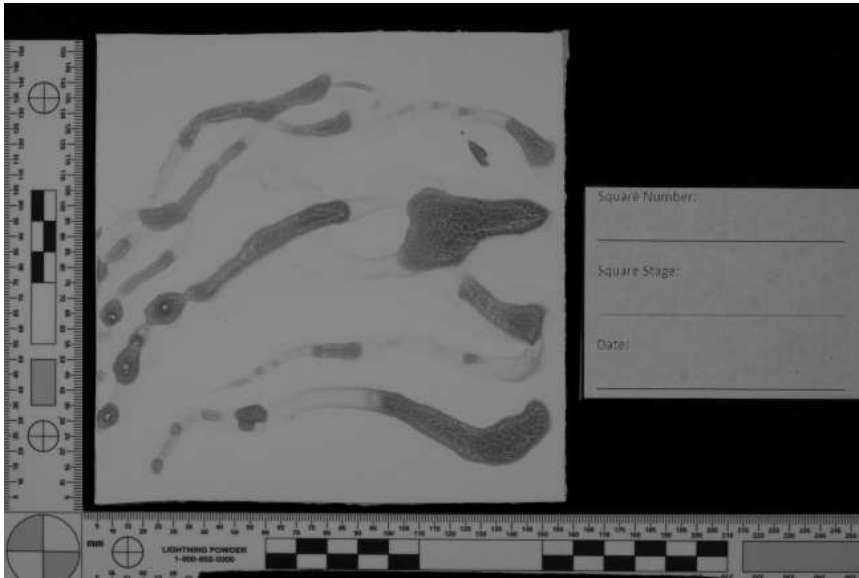


Longpass #87 Single

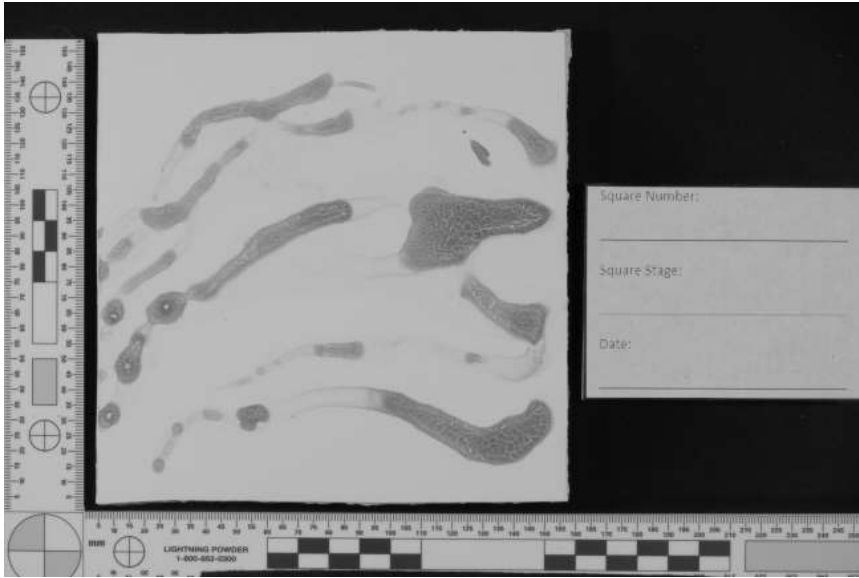




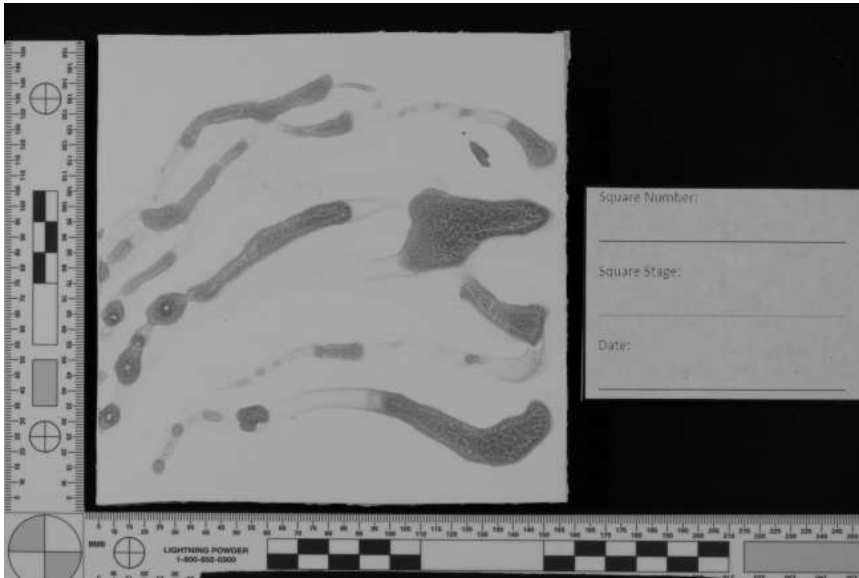
Longpass #87A HDR



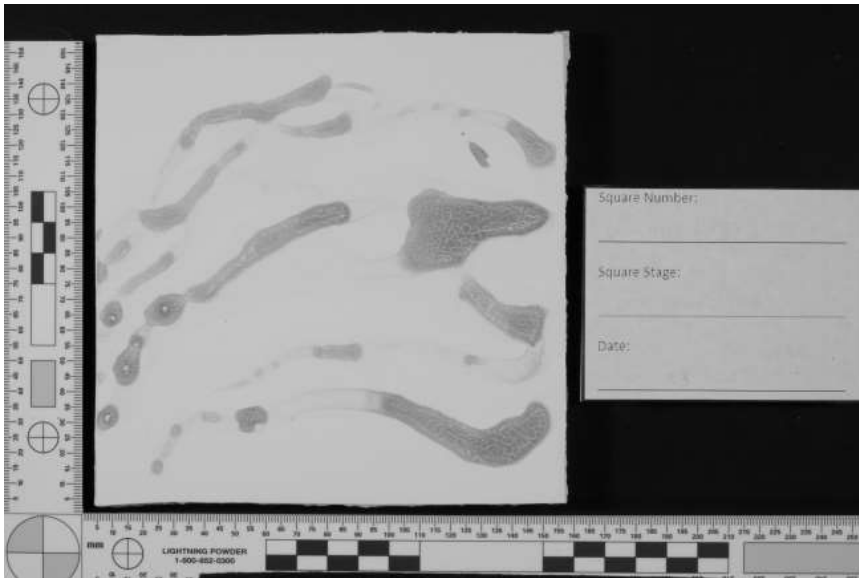
Longpass #87A Single



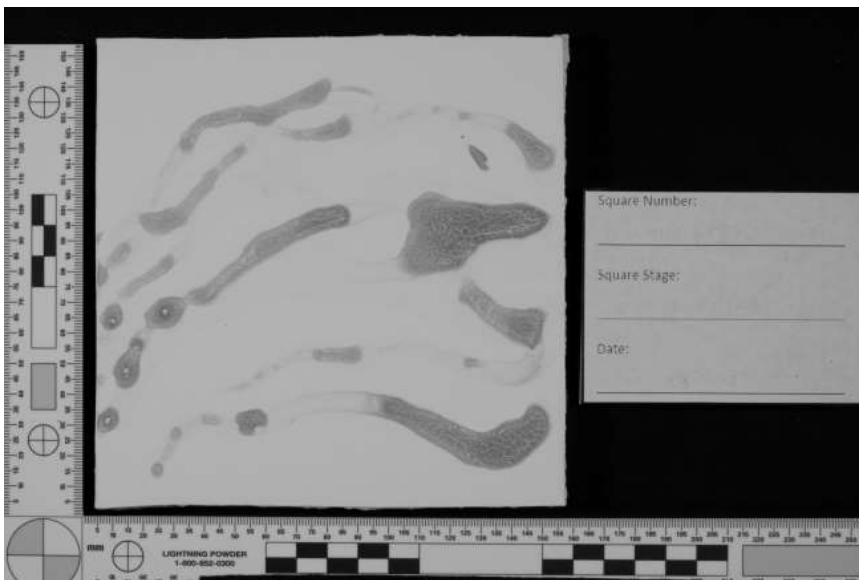
Longpass #87B HDR



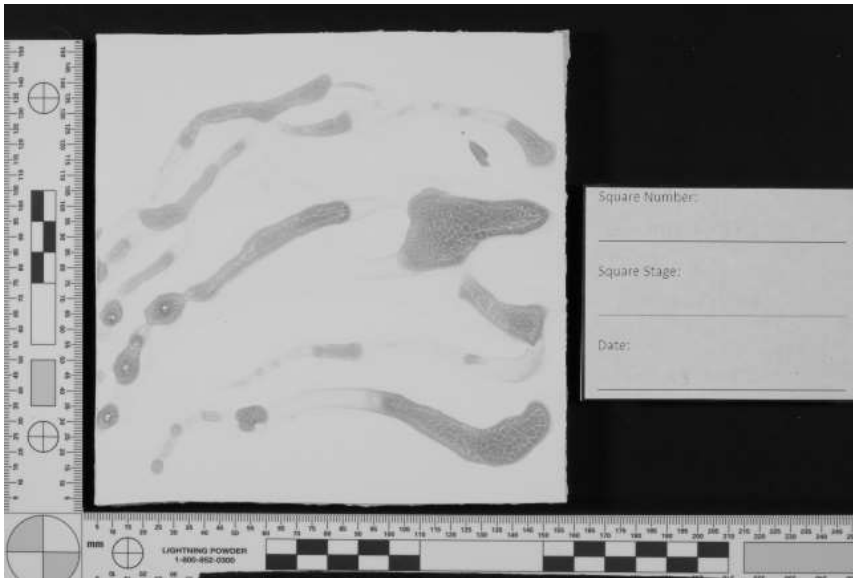
Longpass #87B Single



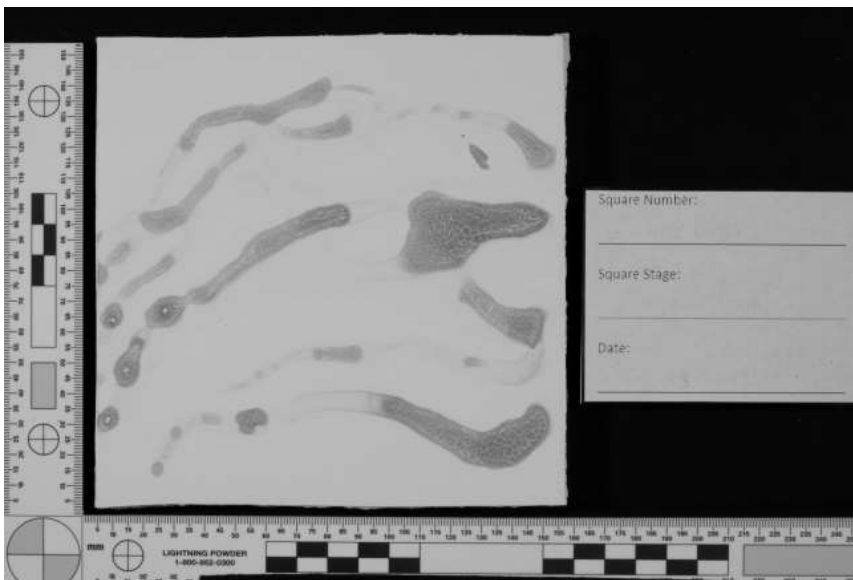
Longpass #88A HDR



Longpass #88A Single

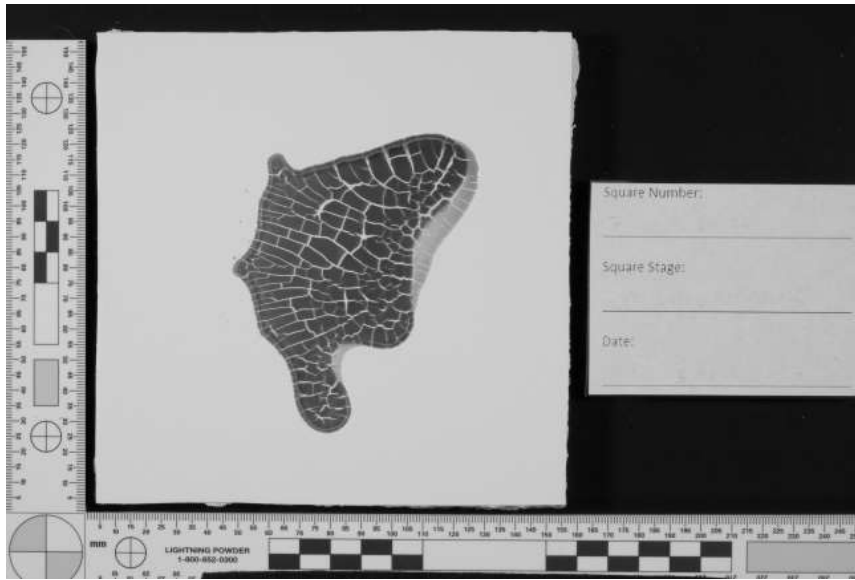


Longpass #89B HDR

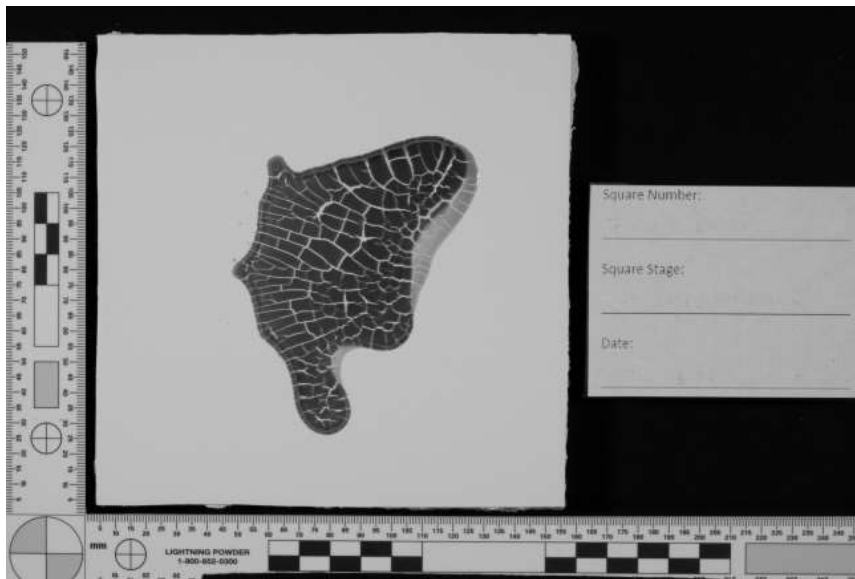


Longpass #89B Single

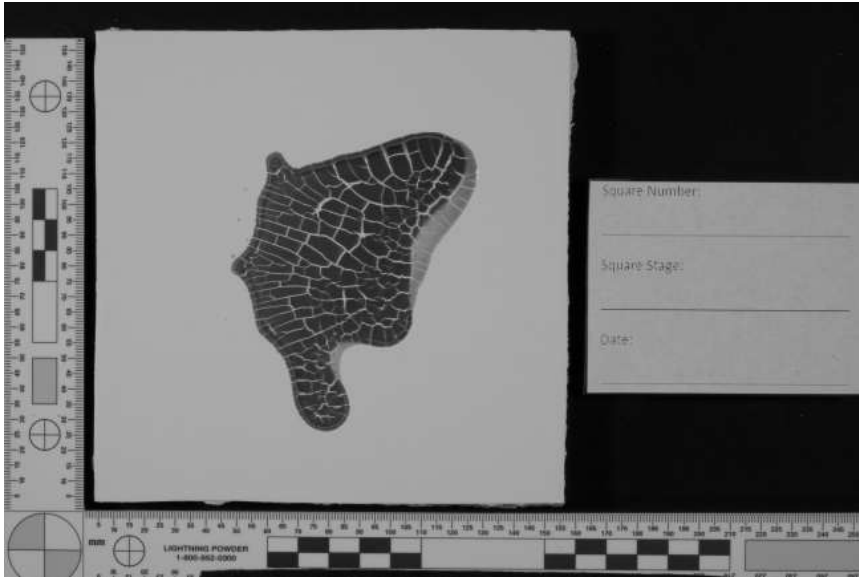
White Latex 7 – Saturated



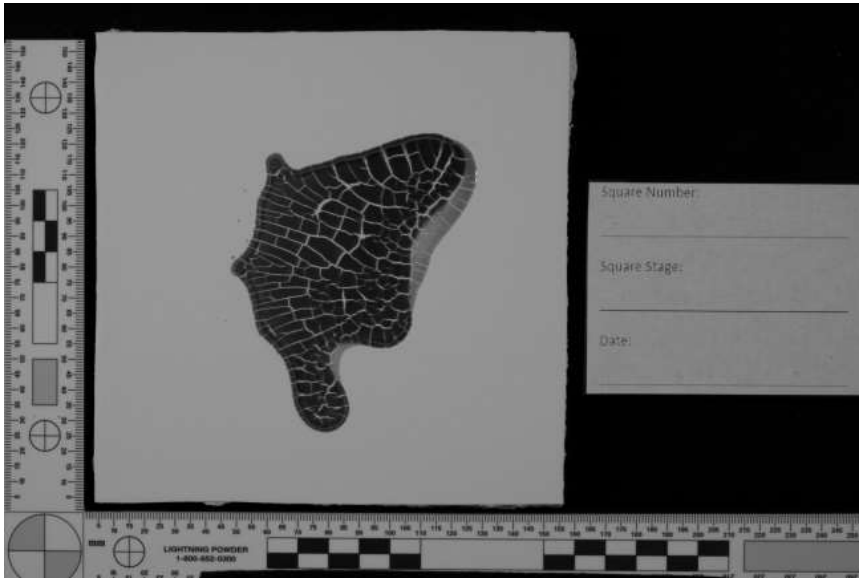
Longpass #70 HDR



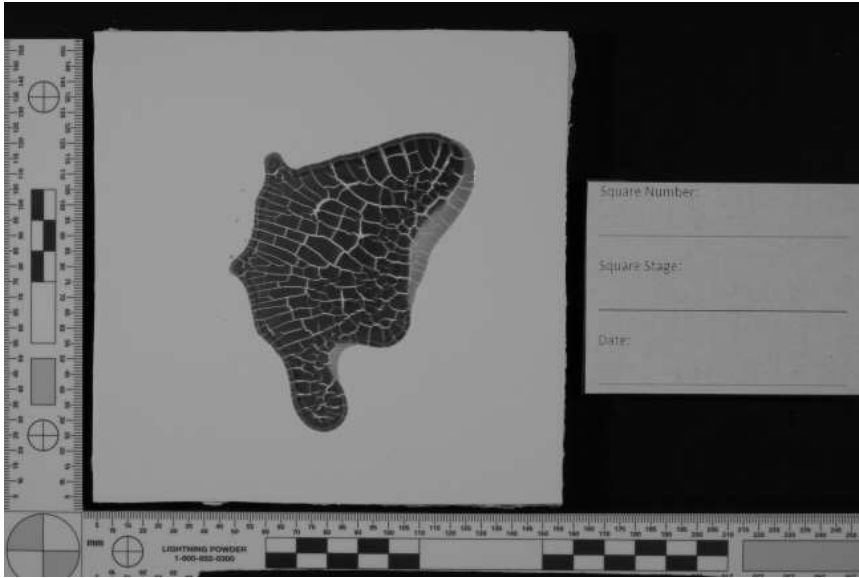
Longpass #70 Single



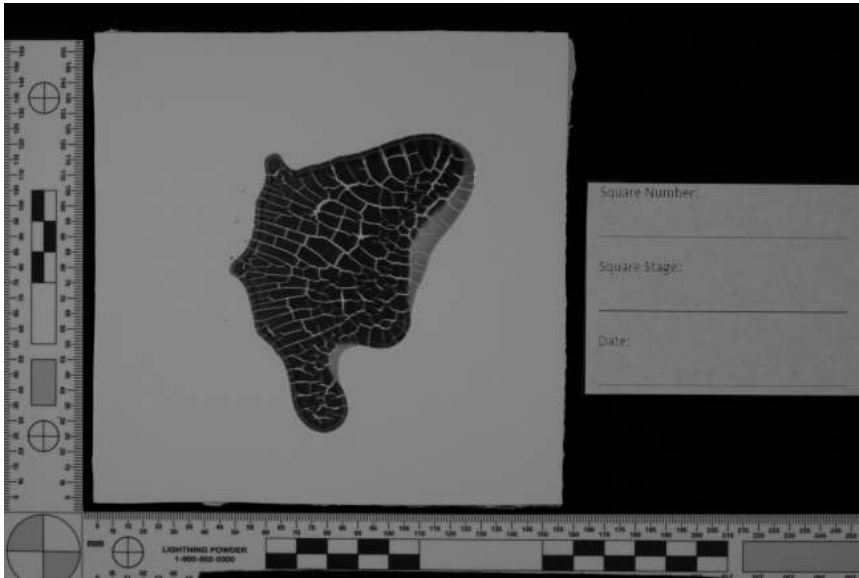
Longpass #87 HDR



Longpass #87 Single



Longpass #87A HDR



Longpass #87A Single

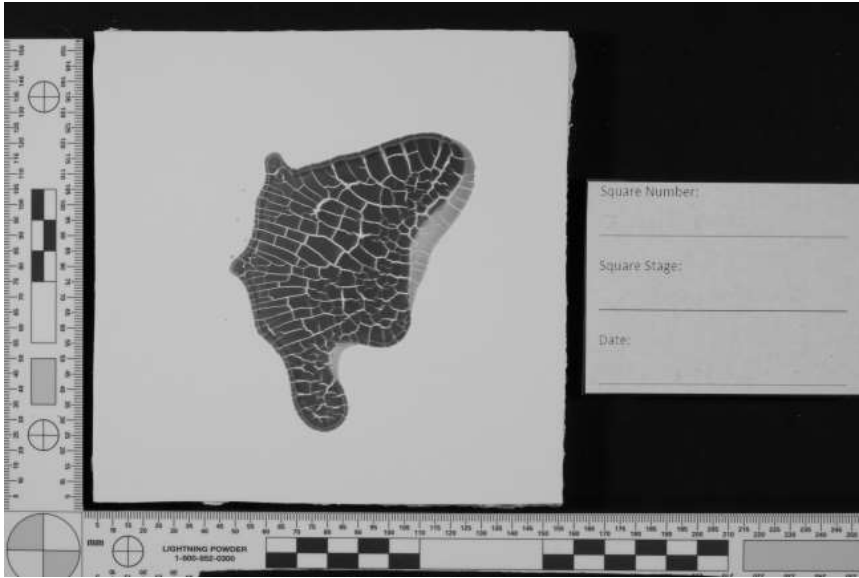


Longpass #87B HDR

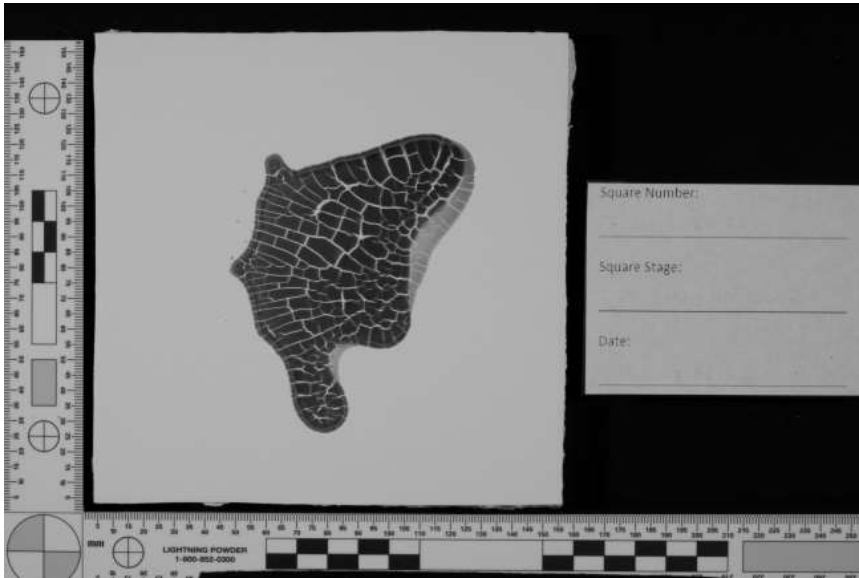


Longpass #87B Single





Longpass #88A HDR



Longpass #88A Single



Longpass #89B HDR



Longpass #89B Single

White Latex 8 – Control No Blood



Longpass #70 HDR

Appendix 4.1.2.3. Black Latex – 70, 87, 87A, 87B, 88A, 89B Bloodstain pattern stage  
Black Latex 9 – Medium Velocity



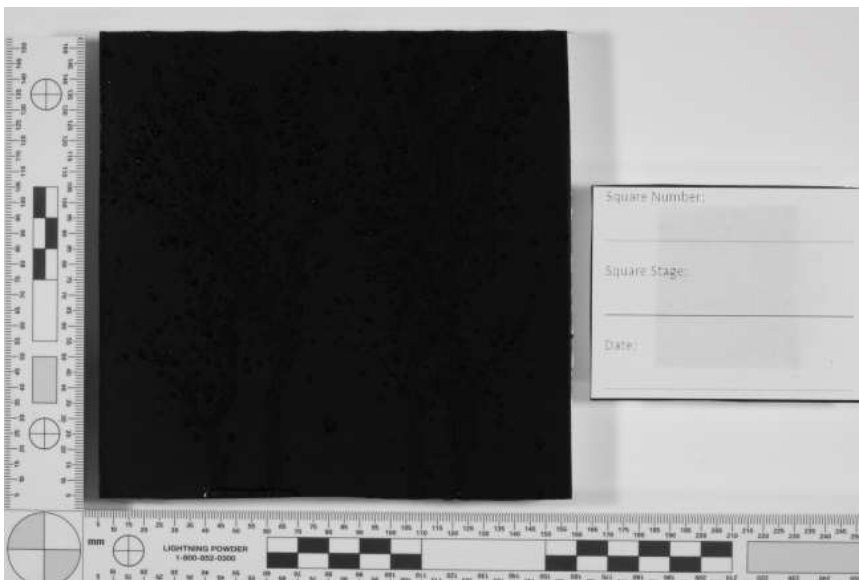
Longpass #70 HDR



Longpass #70 Single



Longpass #87 HDR



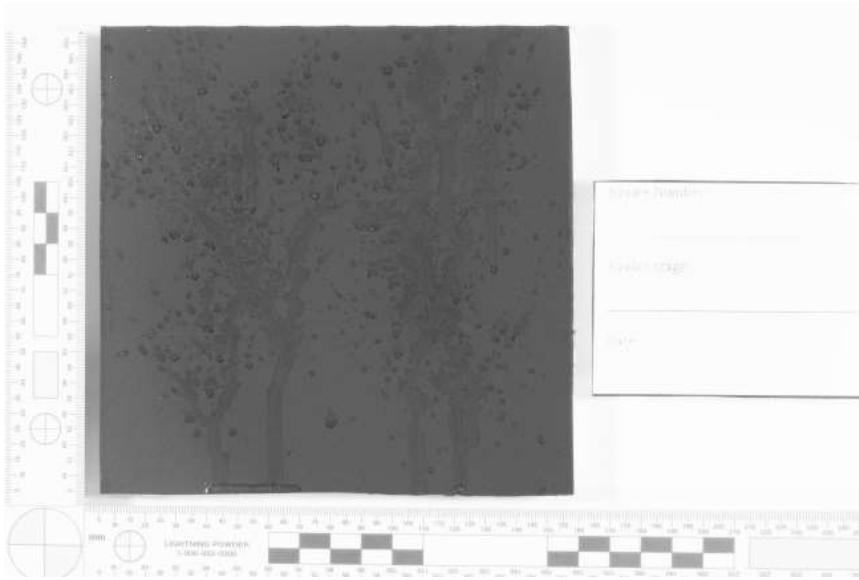
Longpass #87 Single



Longpass #87A HDR



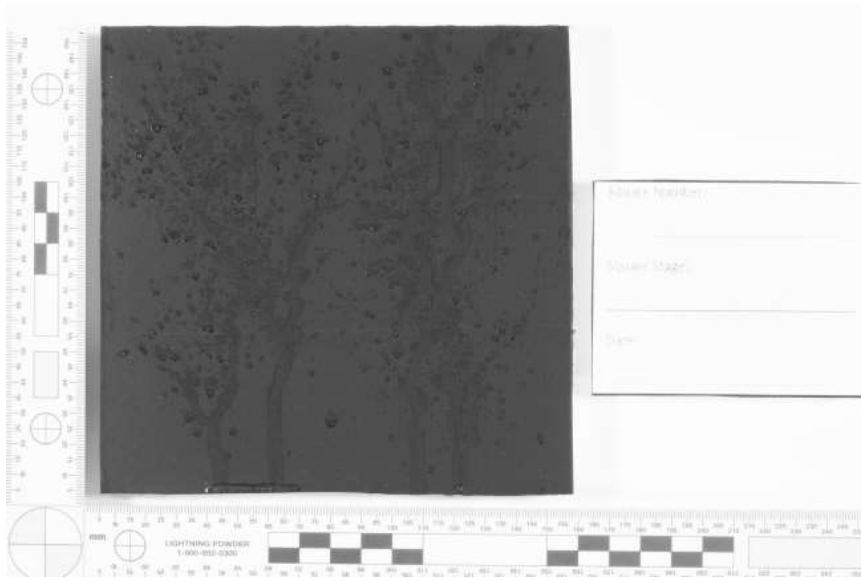
Longpass #87A Single



Longpass #87B HDR



Longpass #87B Single

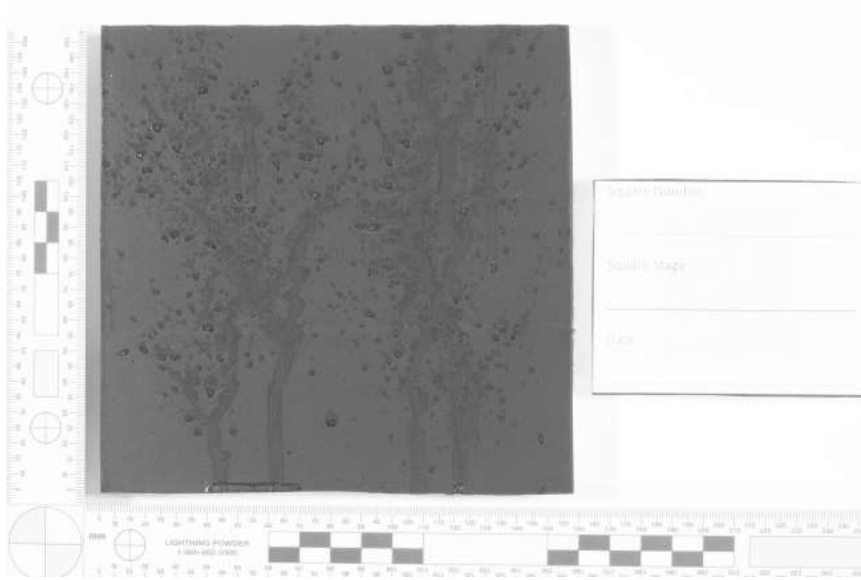


Longpass #88A HDR

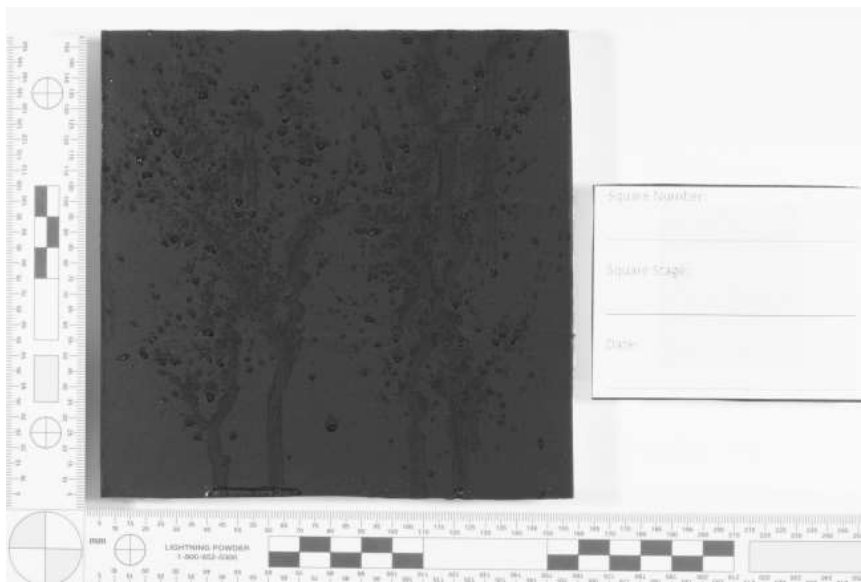


Longpass #88A Single



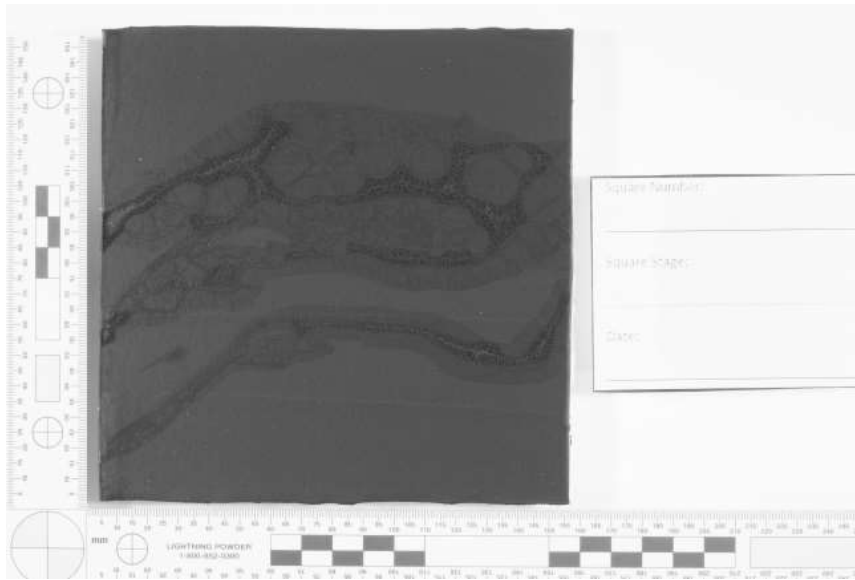


Longpass #89B HDR

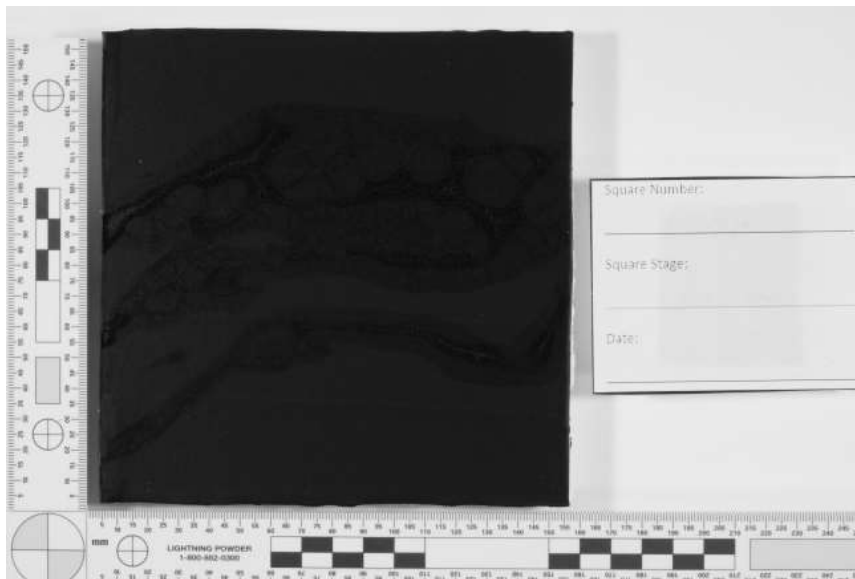


Longpass #89B Single

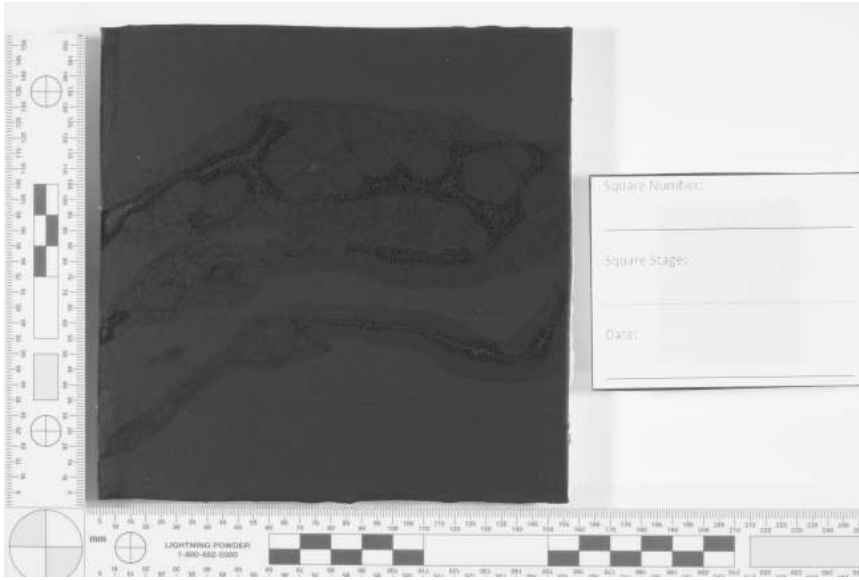
Black Latex 10 – Swipe



Longpass #70 HDR



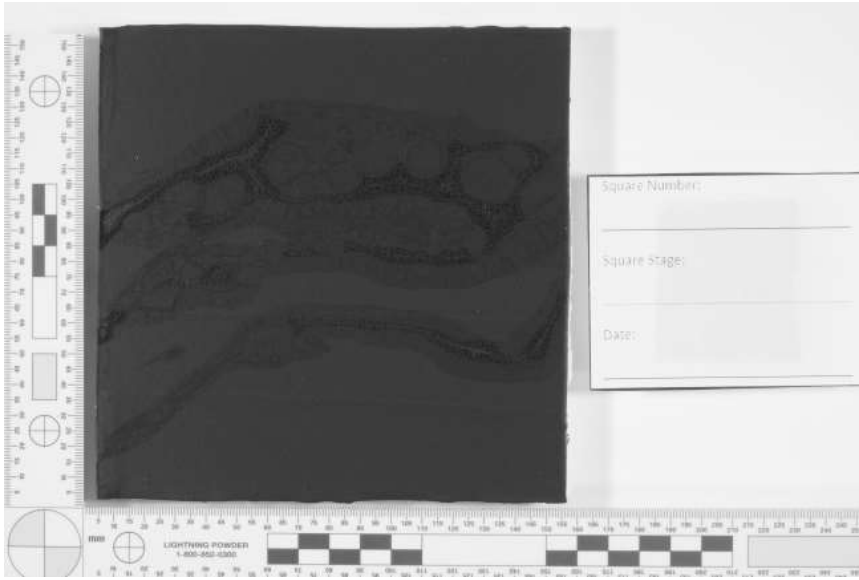
Longpass #70 Single



Longpass #87 HDR



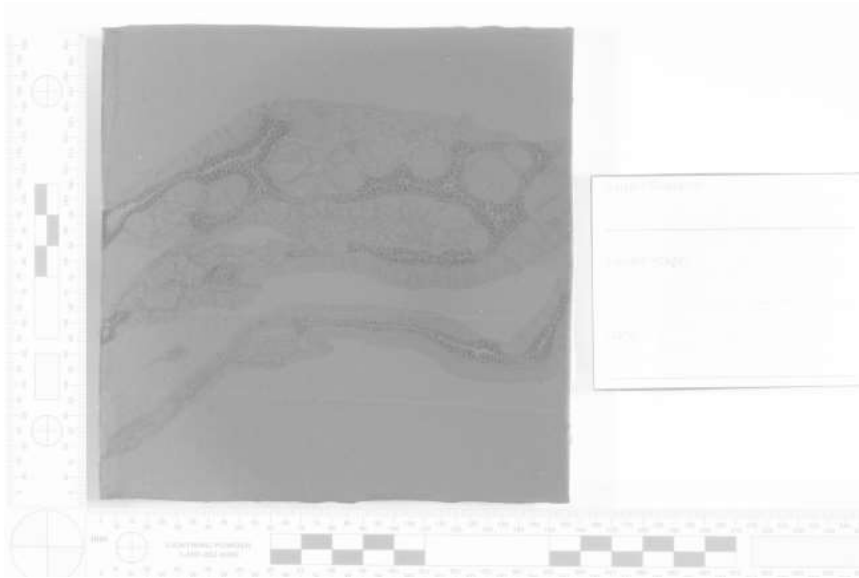
Longpass #87 Single



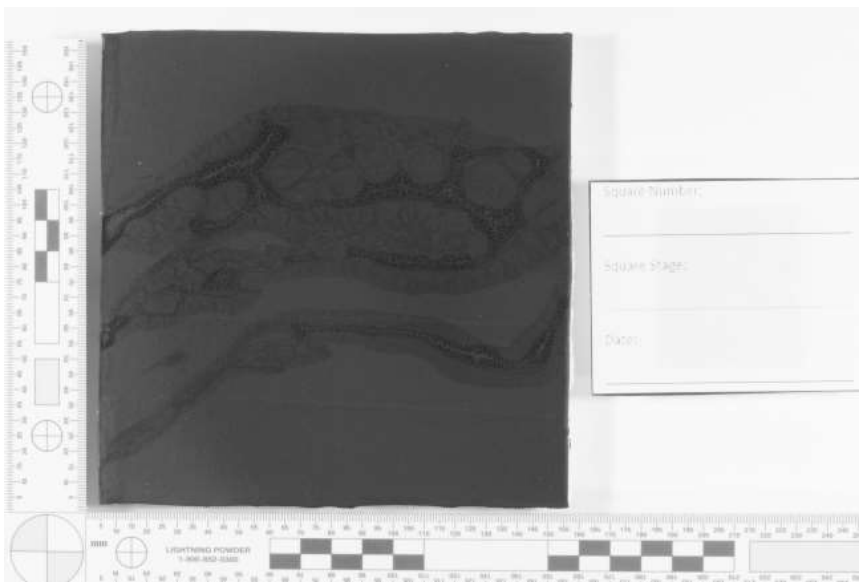
Longpass #87A HDR



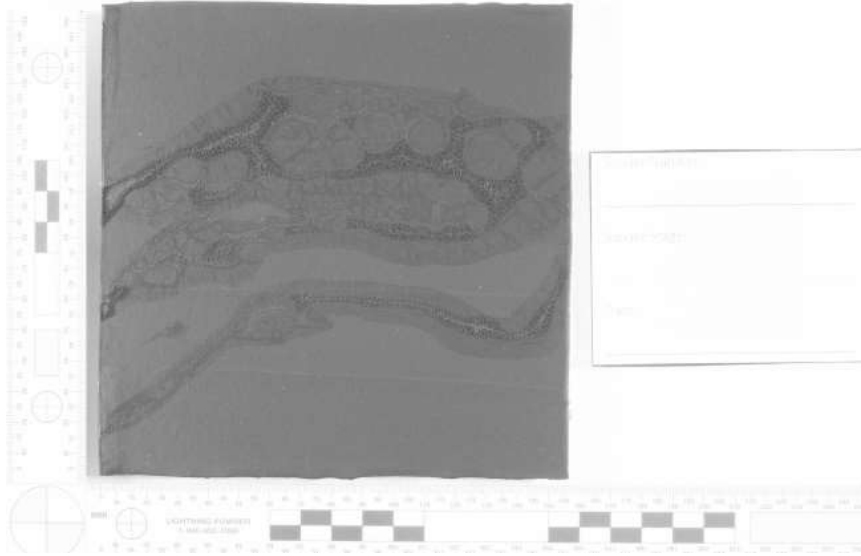
Longpass #87A Single



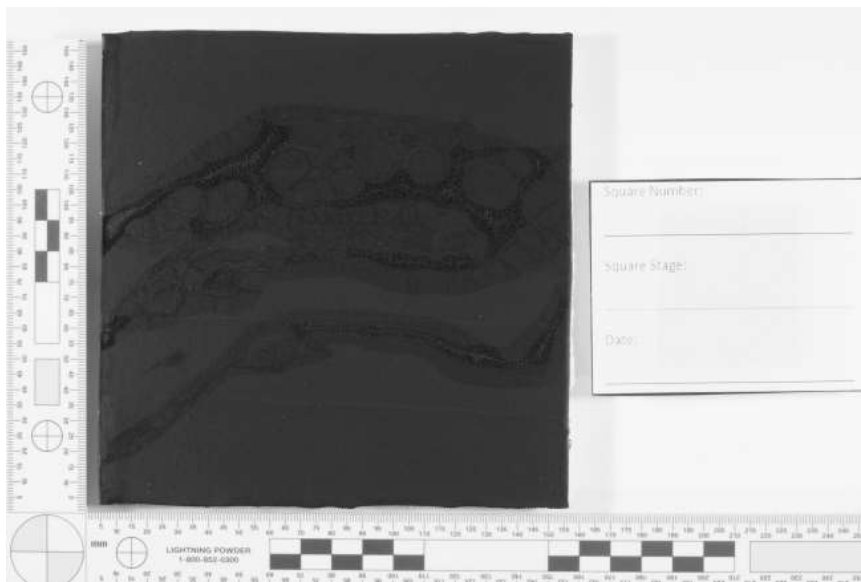
Longpass #87B HDR



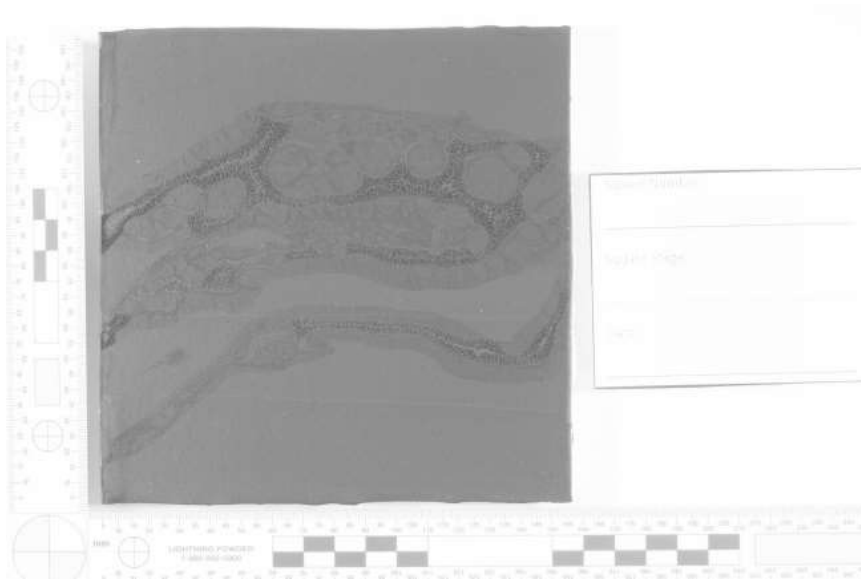
Longpass #87B Single



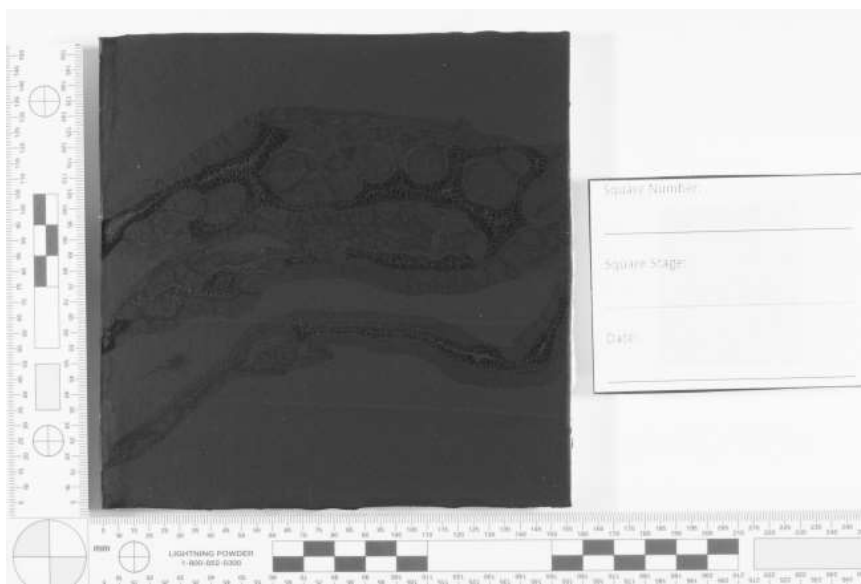
Longpass #88A HDR



Longpass #88A Single

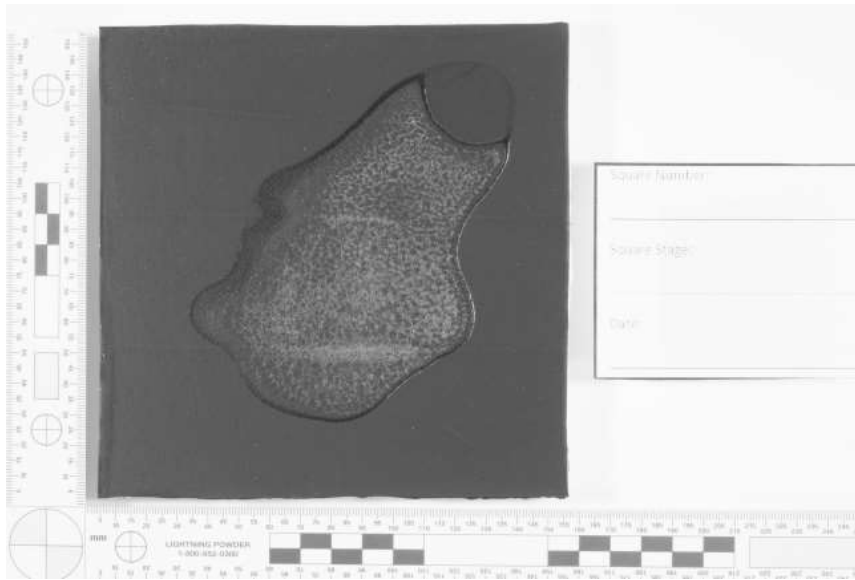


Longpass #89B HDR

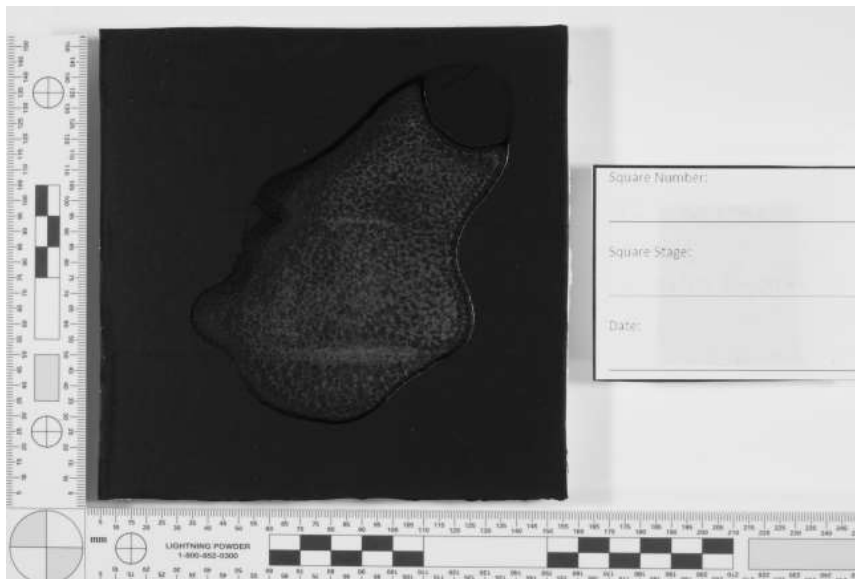


Longpass #89B Single

Black Latex 11 – Saturated

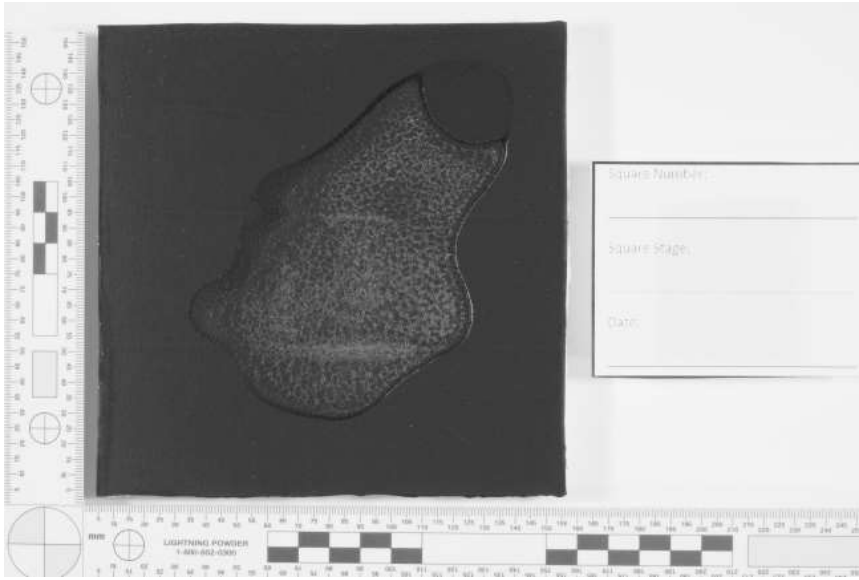


Longpass #70 HDR

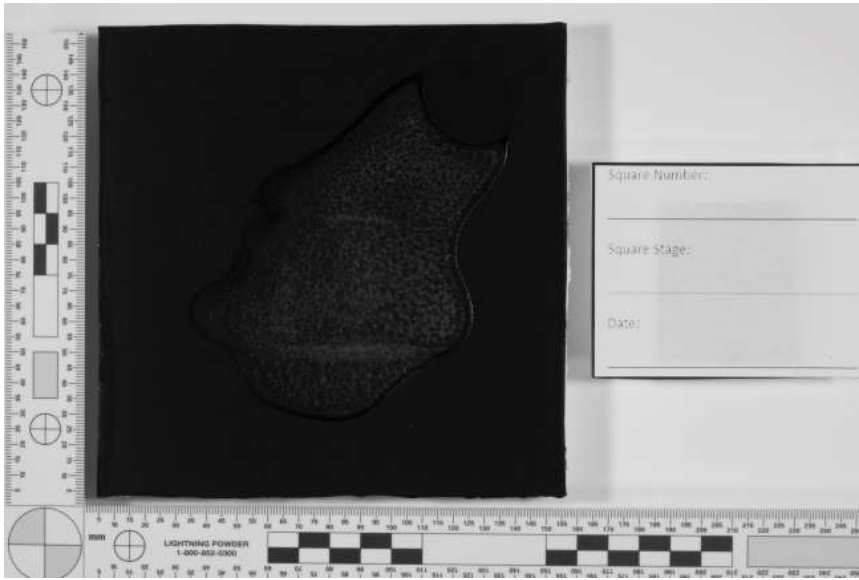


Longpass #70 Single





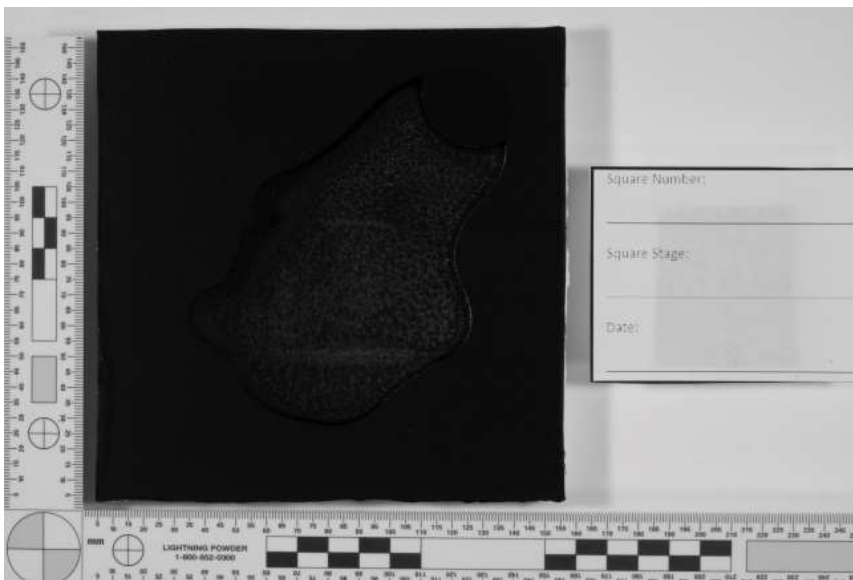
Longpass #87 HDR



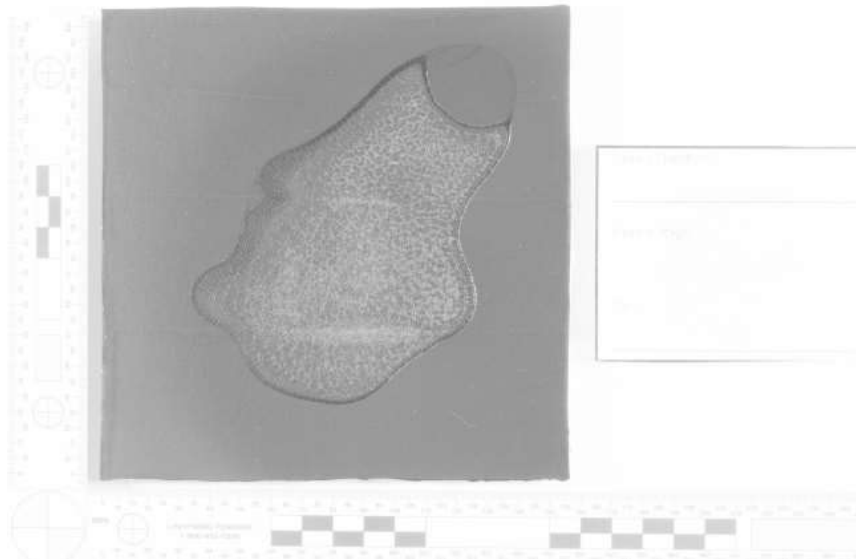
Longpass #87 Single



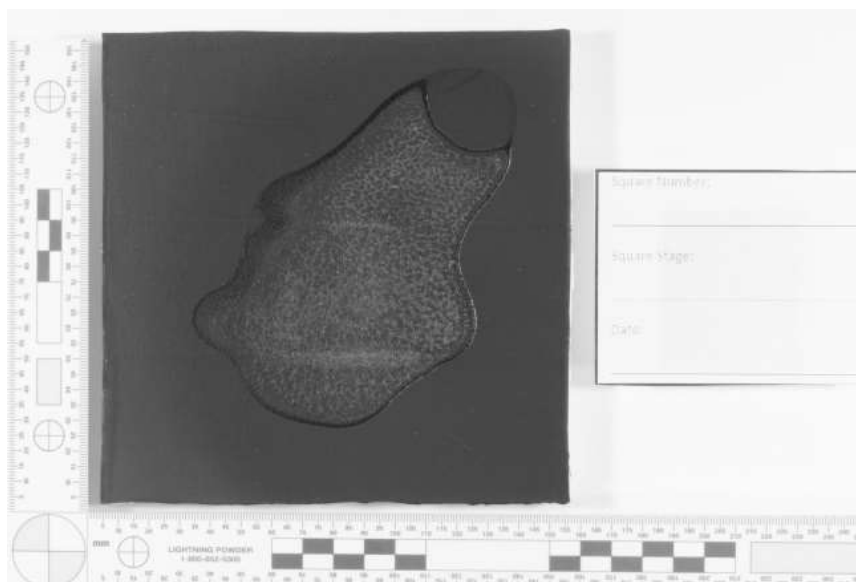
Longpass #87A HDR



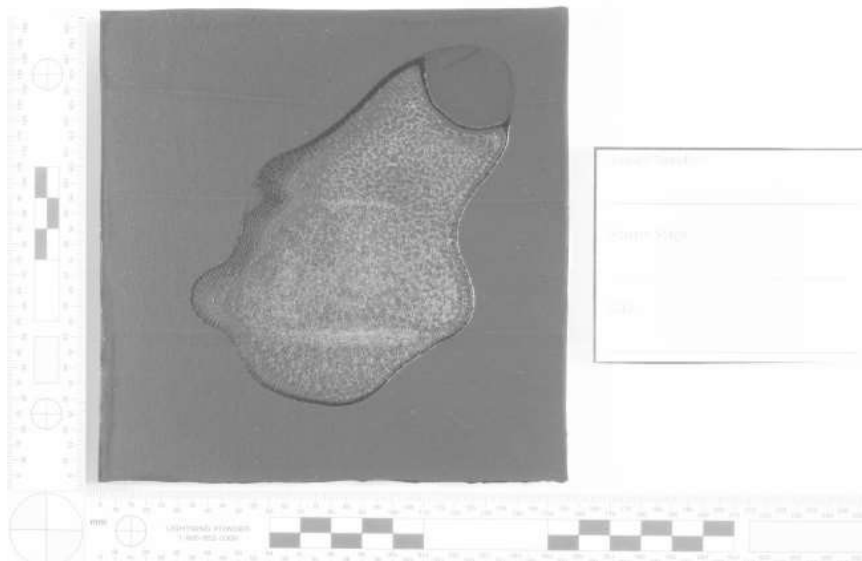
Longpass #87A Single



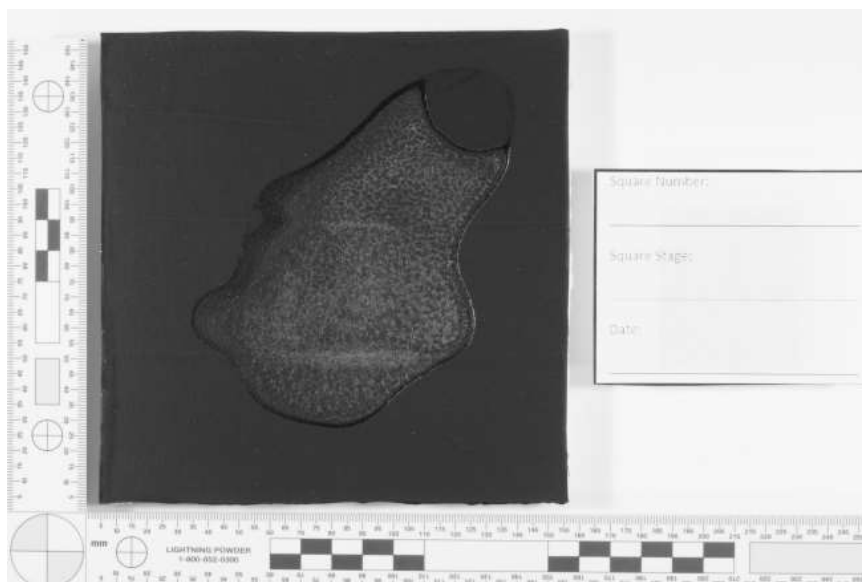
Longpass #87B HDR



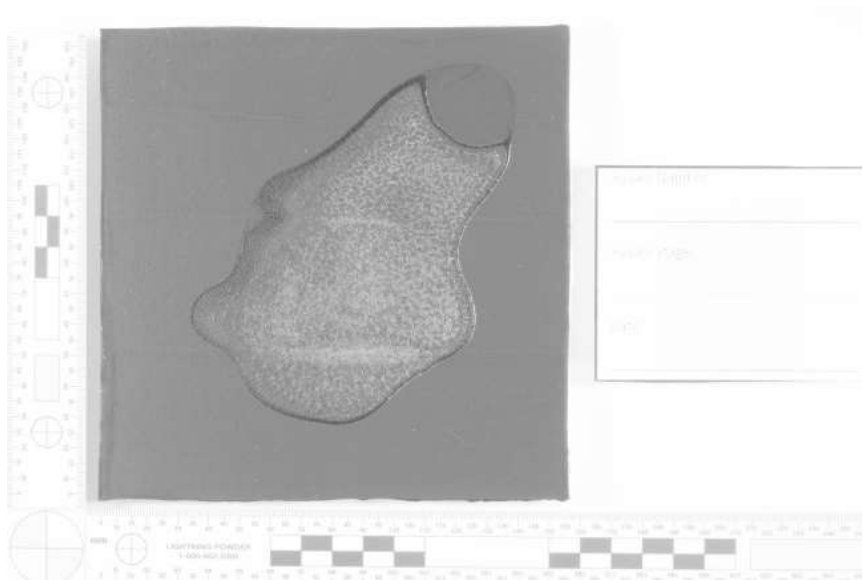
Longpass #87B Single



Longpass #88A HDR



Longpass #88A Single

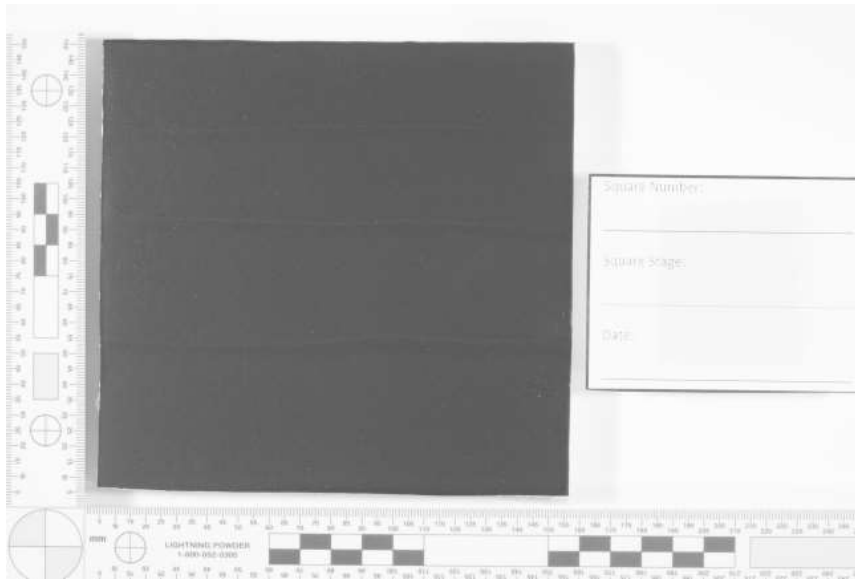


Longpass #89B HDR



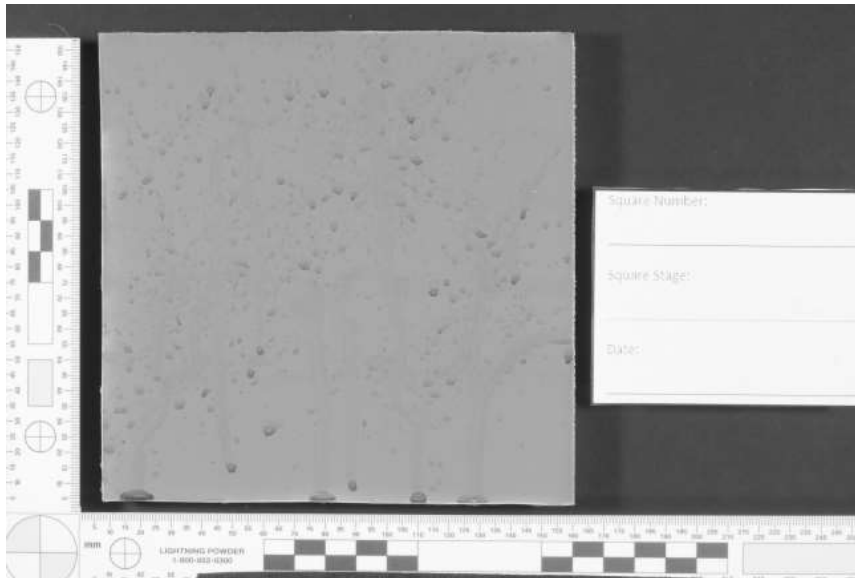
Longpass #89B Single

Black Latex 12 – Control No Blood

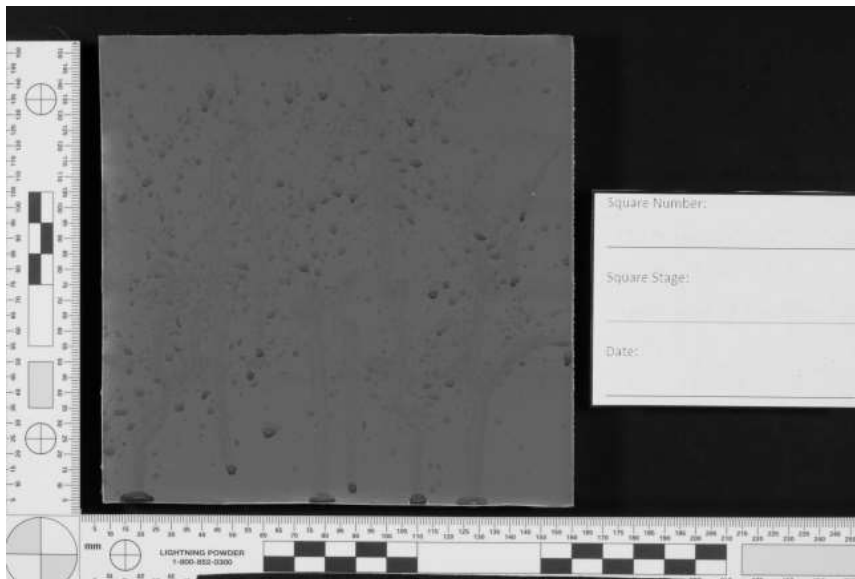


Longpass #70 HDR

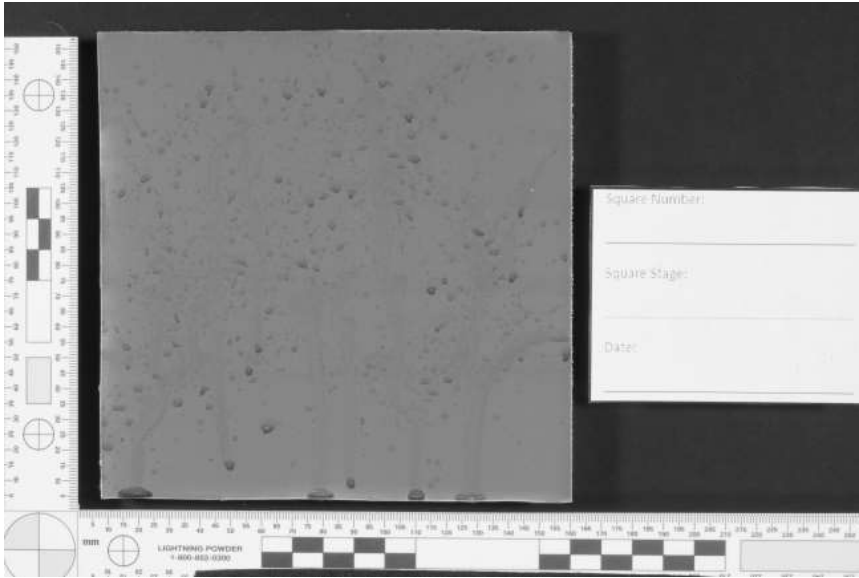
Appendix 4.1.2.4. Maroon Latex – 70, 87, 87A, 87B, 88A, 89B Bloodstain pattern stage  
Maroon Latex 13 – Medium Velocity



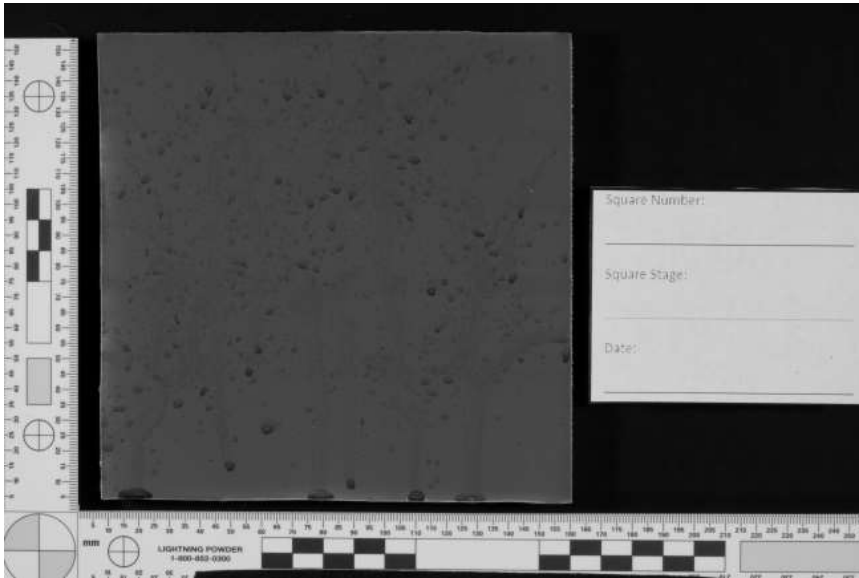
Longpass #70 HDR



Longpass #70 Single

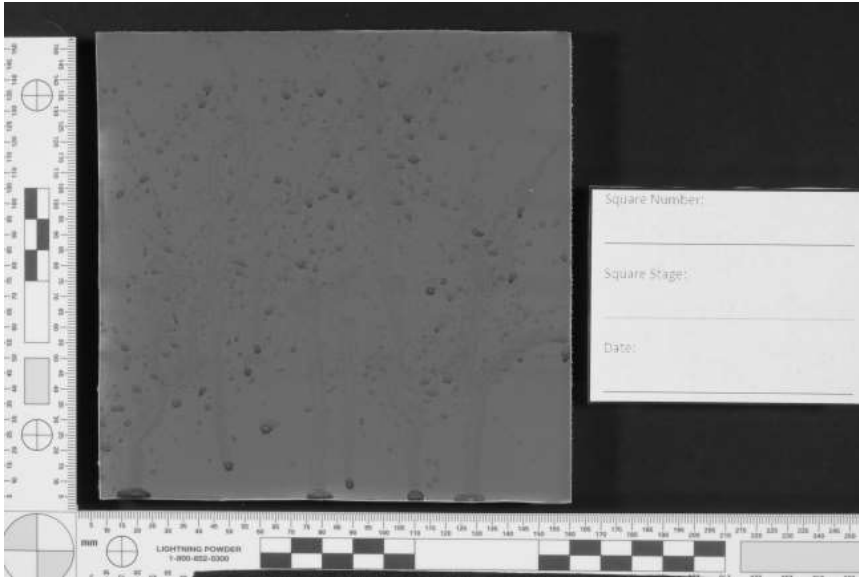


Longpass #87 HDR

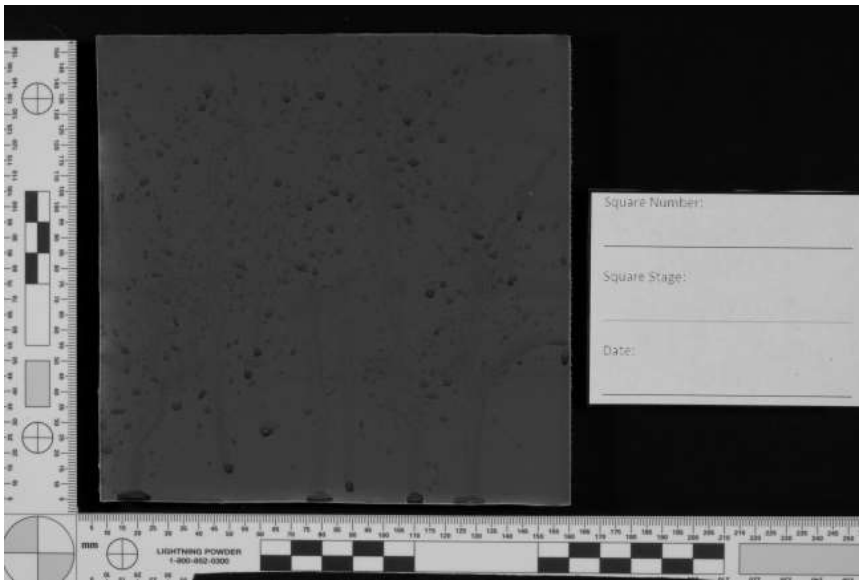


Longpass #87 Single

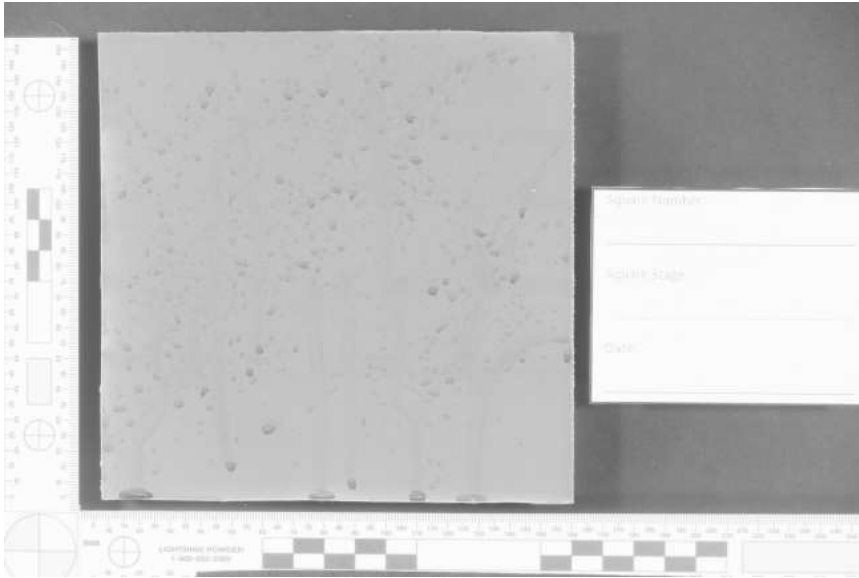




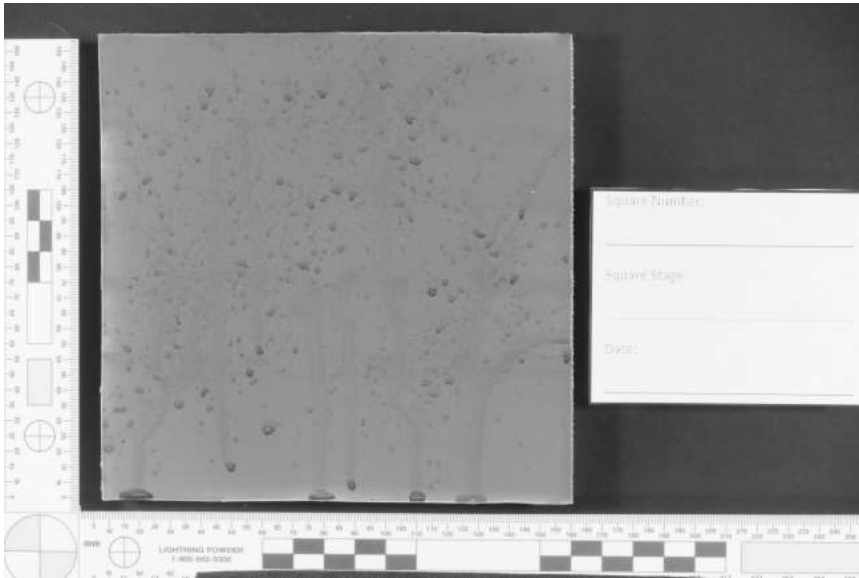
Longpass #87A HDR



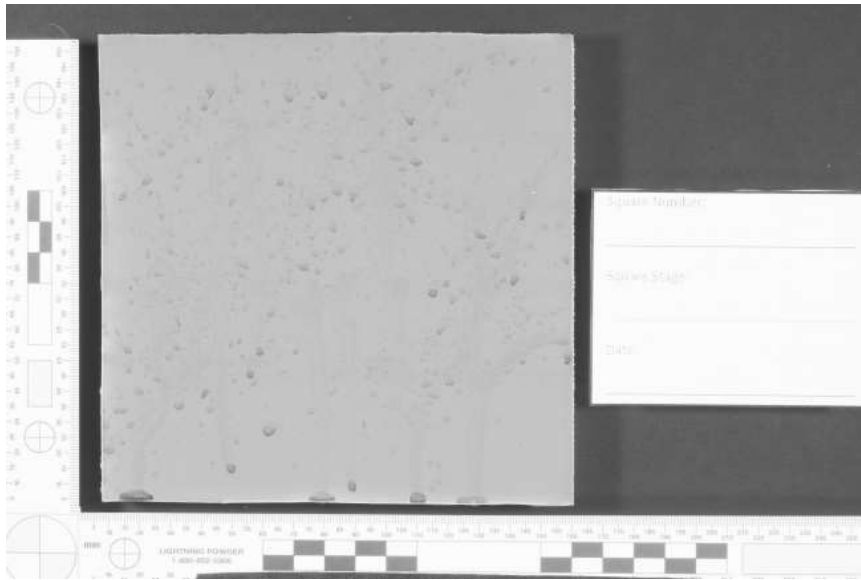
Longpass #87A Single



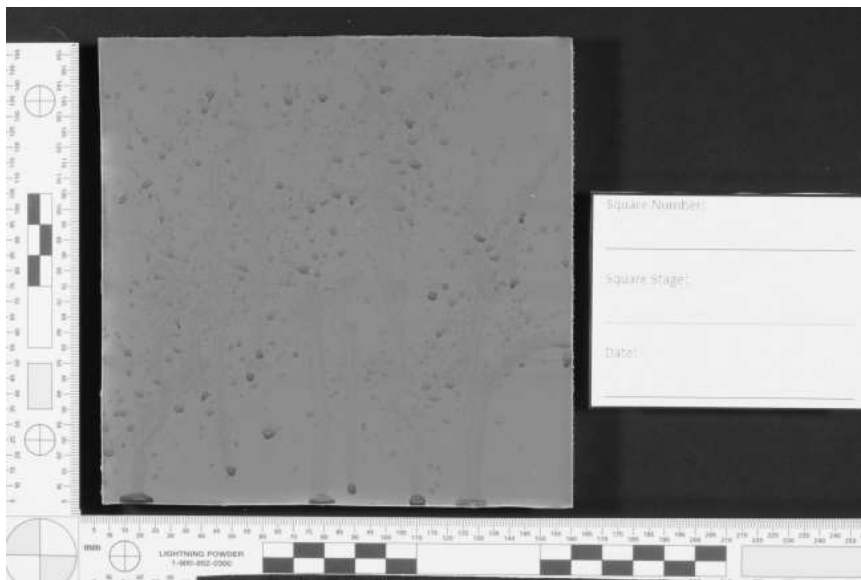
Longpass #87B HDR



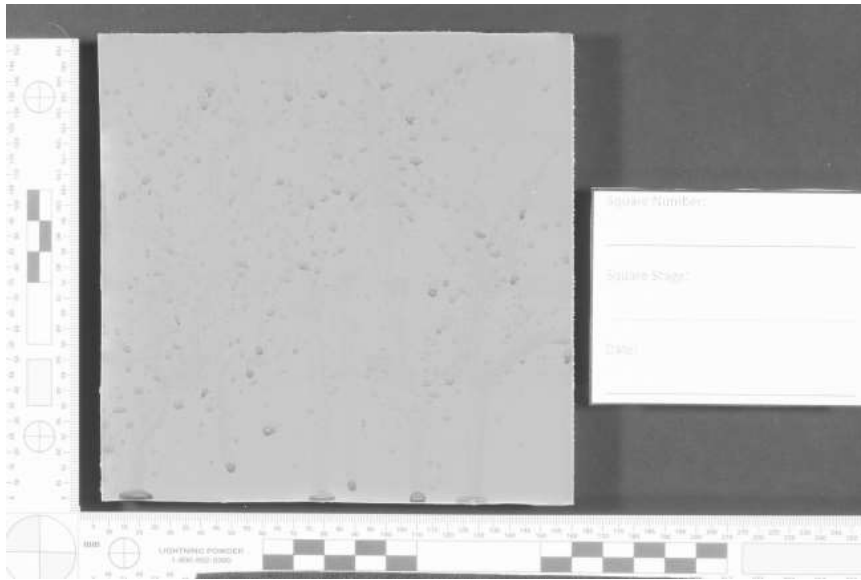
Longpass #87B Single



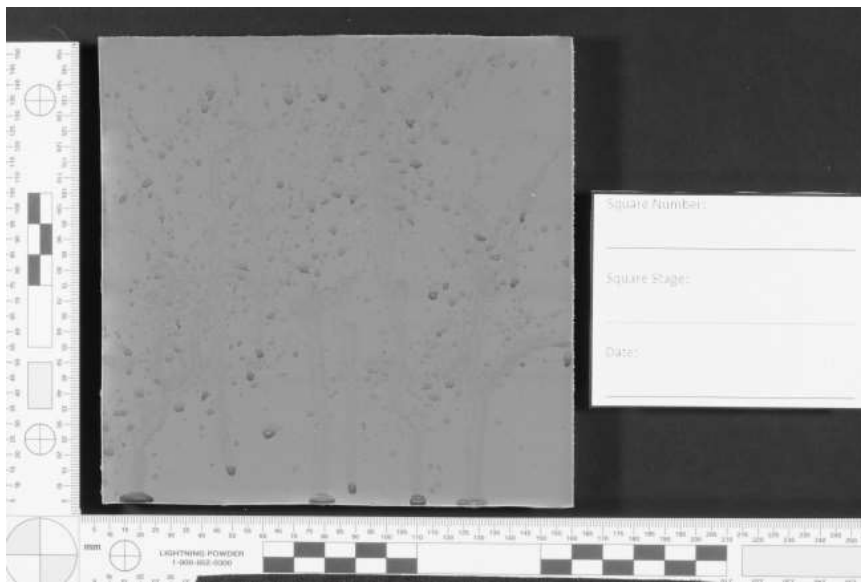
Longpass #88A HDR



Longpass #88A Single

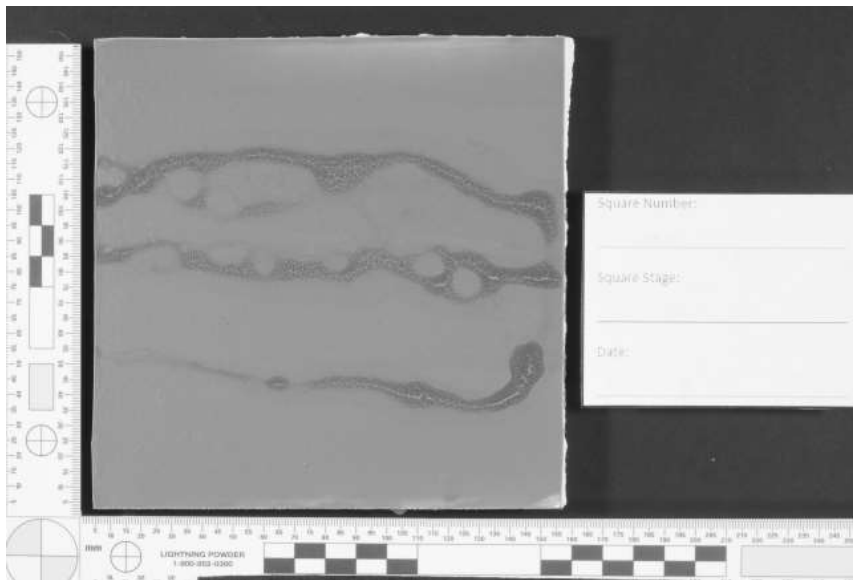


Longpass #89B HDR

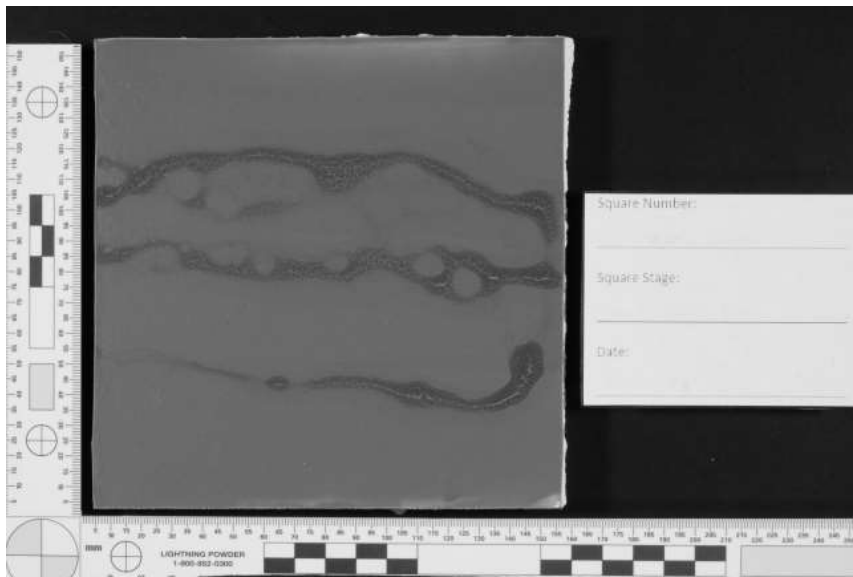


Longpass #89B Single

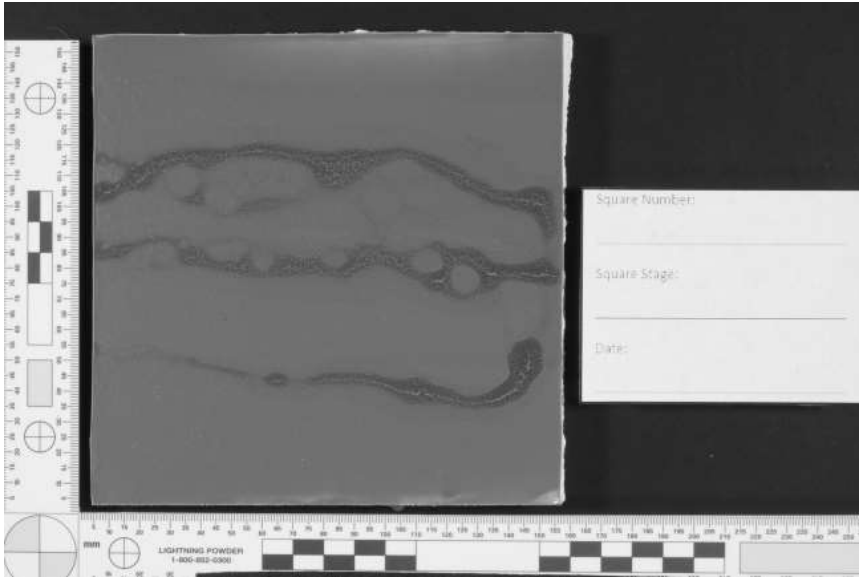
Maroon Latex 14 – Swipe



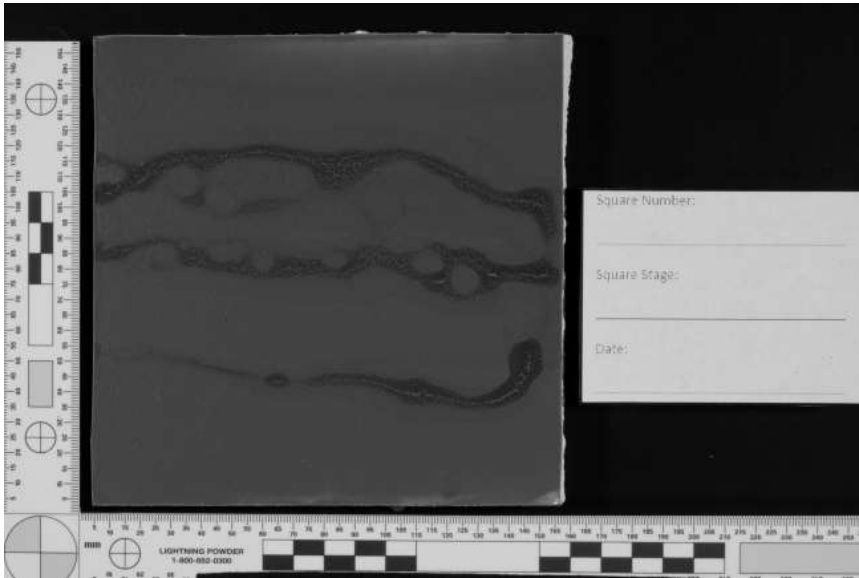
Longpass #70 HDR



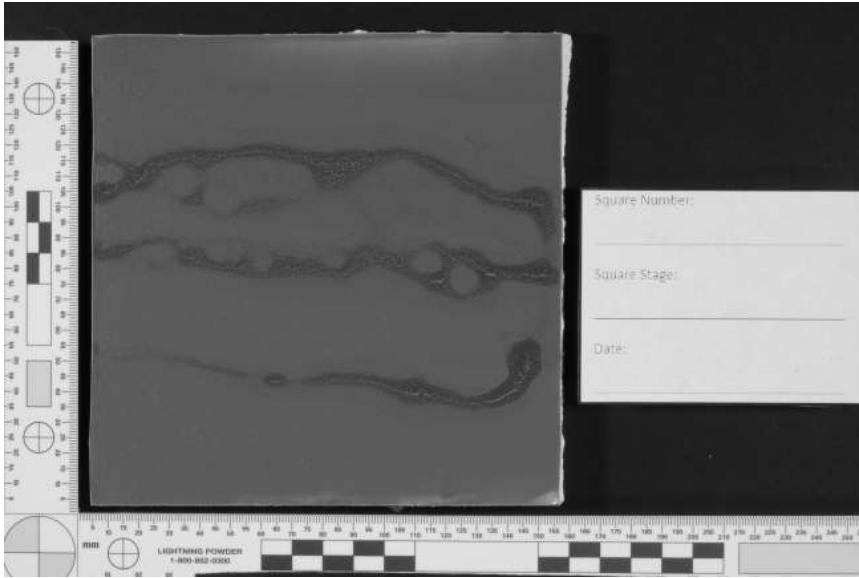
Longpass #70 Single



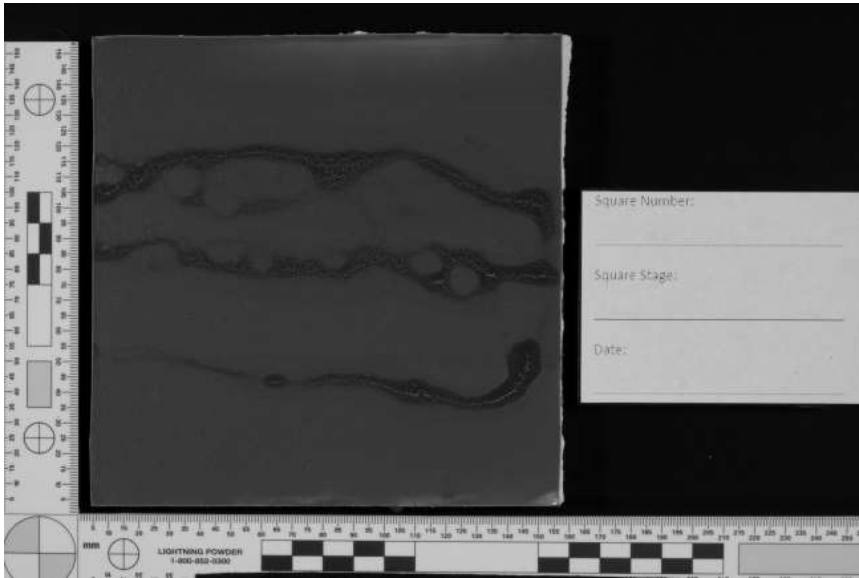
Longpass #87 HDR



Longpass #87 Single



Longpass #87A HDR



Longpass #87A Single

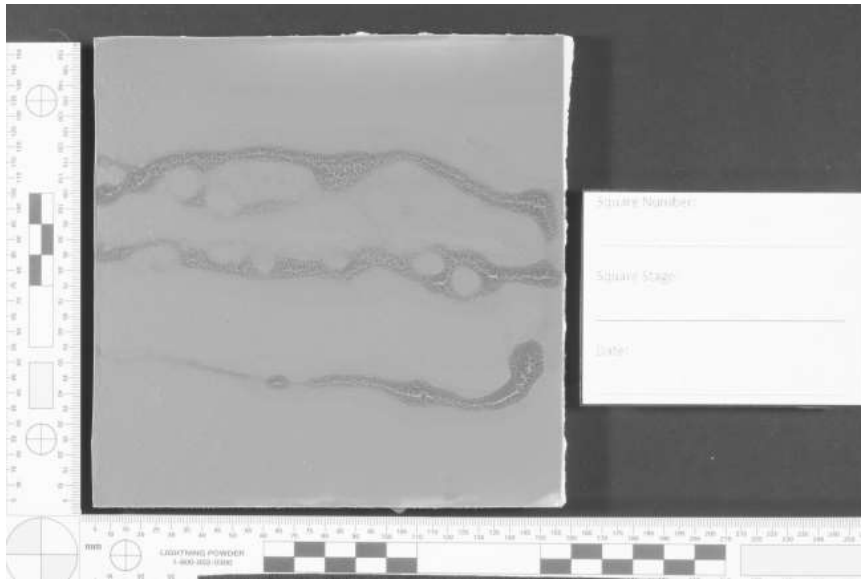


Longpass #87B HDR



Longpass #87B Single





Longpass #88A HDR



Longpass #88A Single

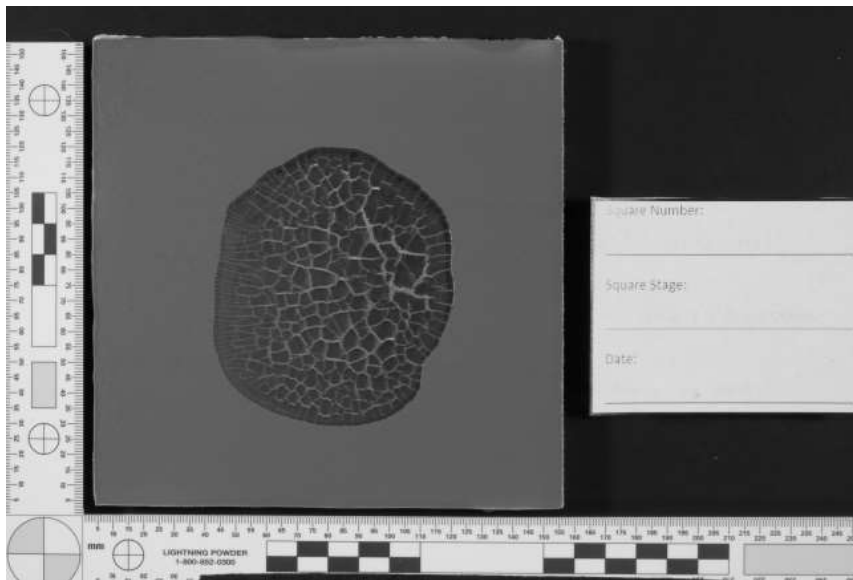


Longpass #89B HDR

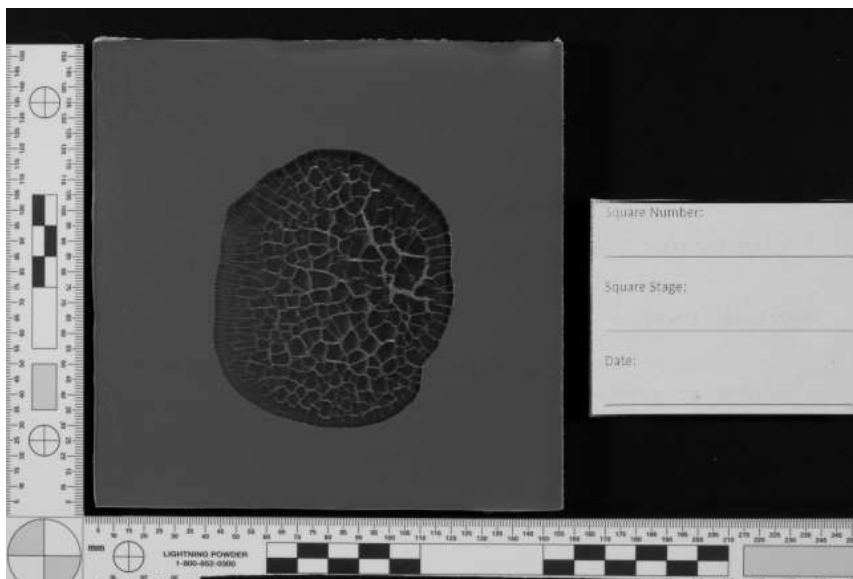


Longpass #89B Single

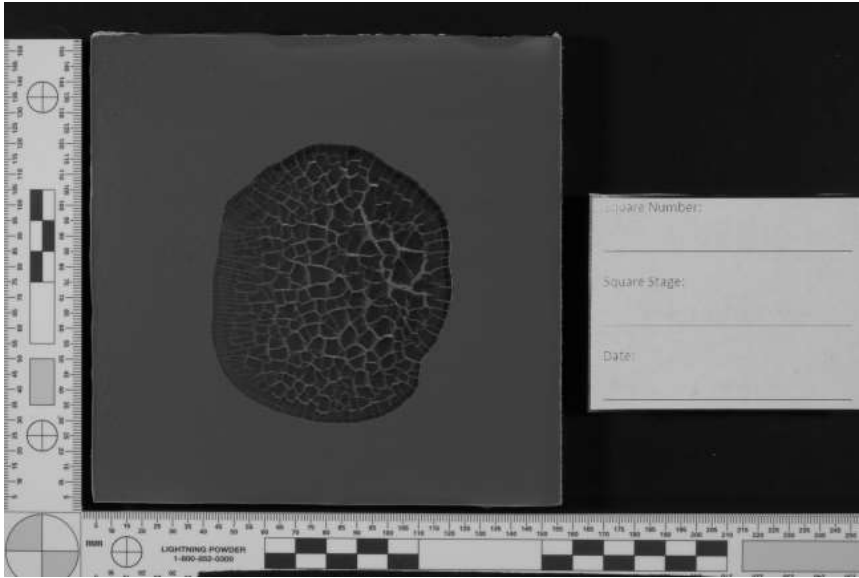
Maroon Latex 15 – Saturated



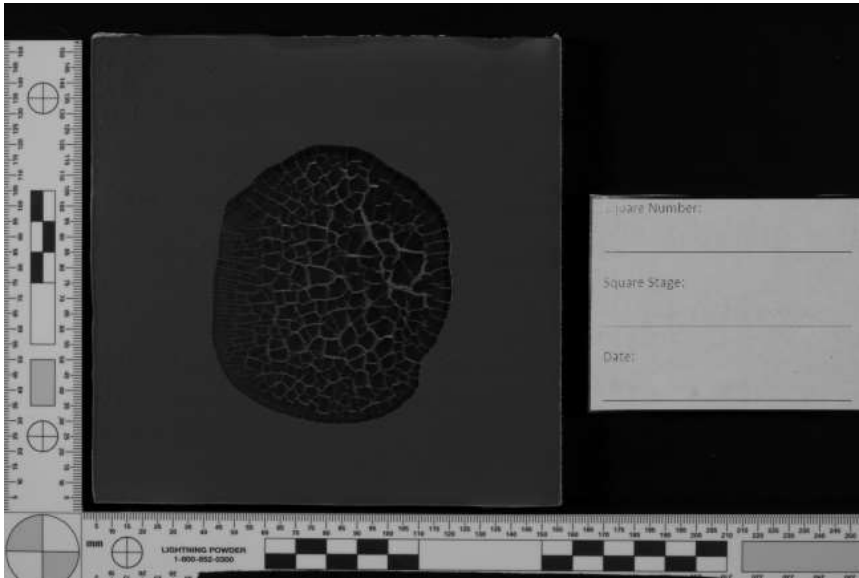
Longpass #70 HDR



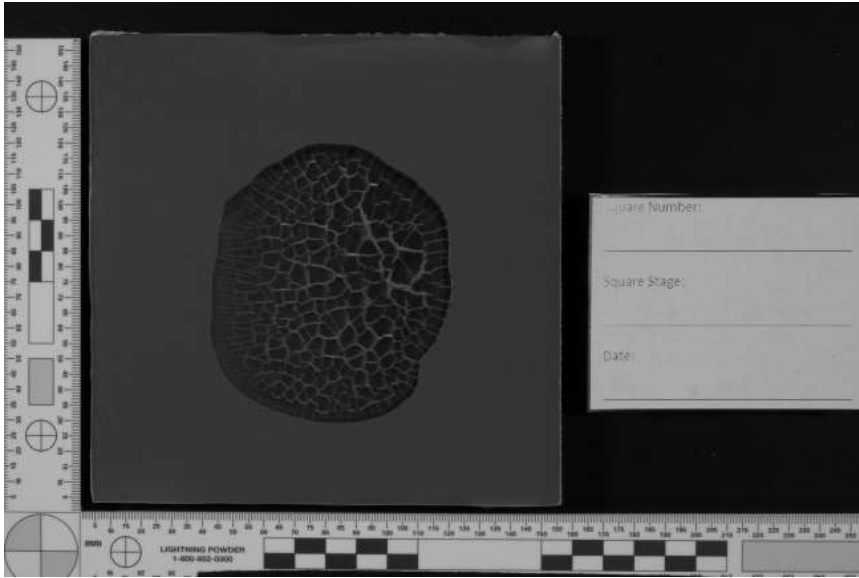
Longpass #70 Single



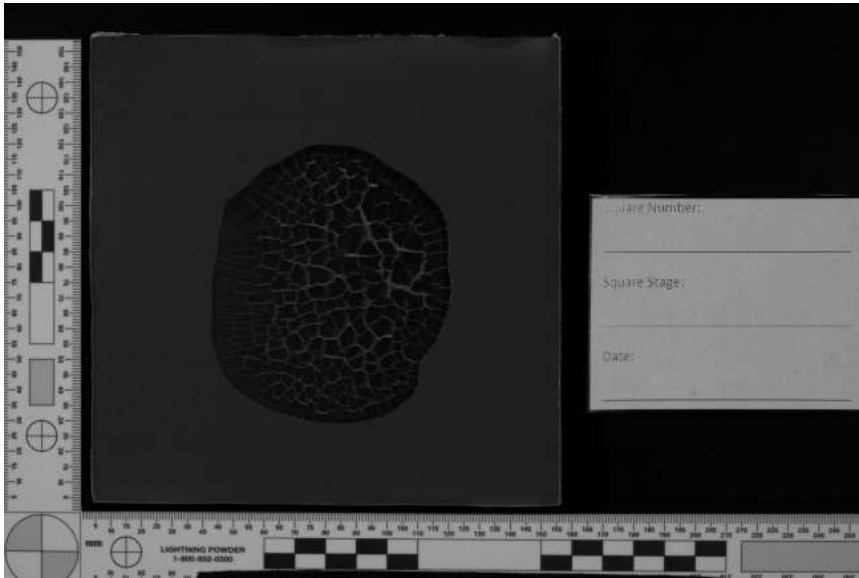
Longpass #87 HDR



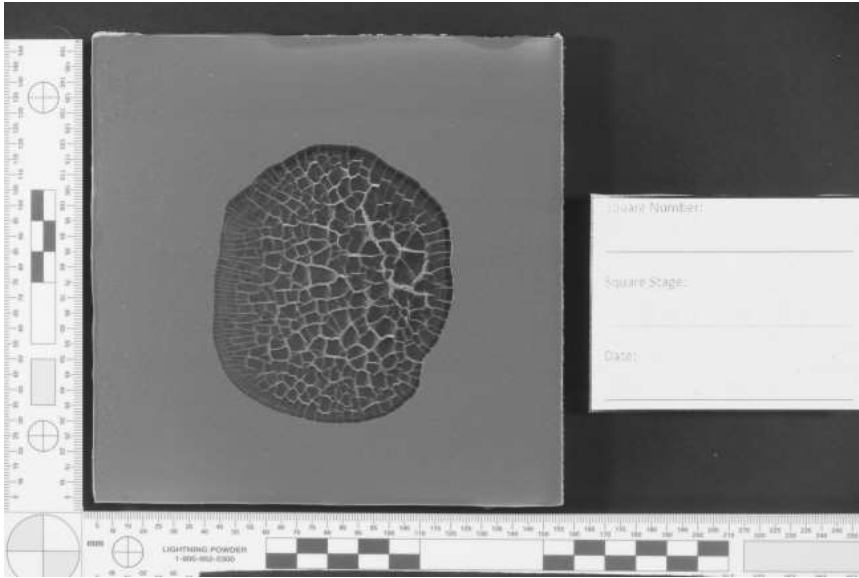
Longpass #87 Single



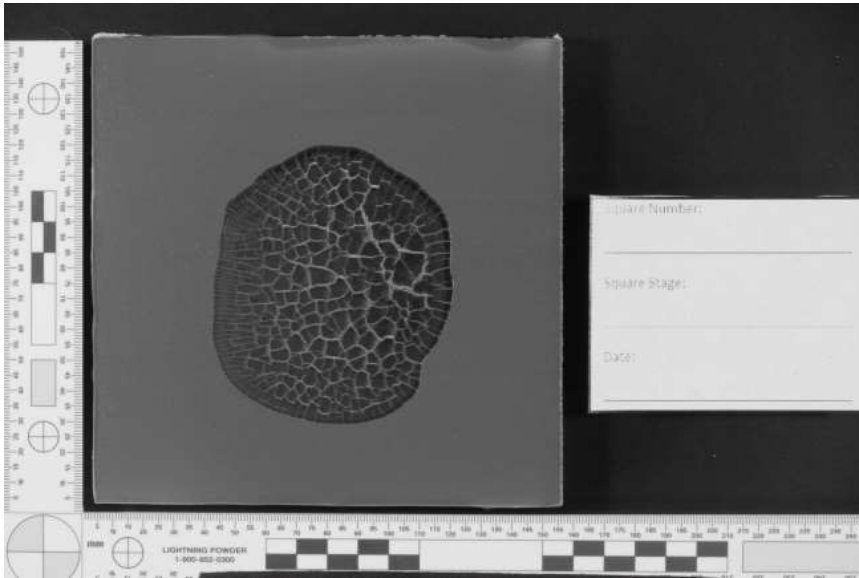
Longpass #87A HDR



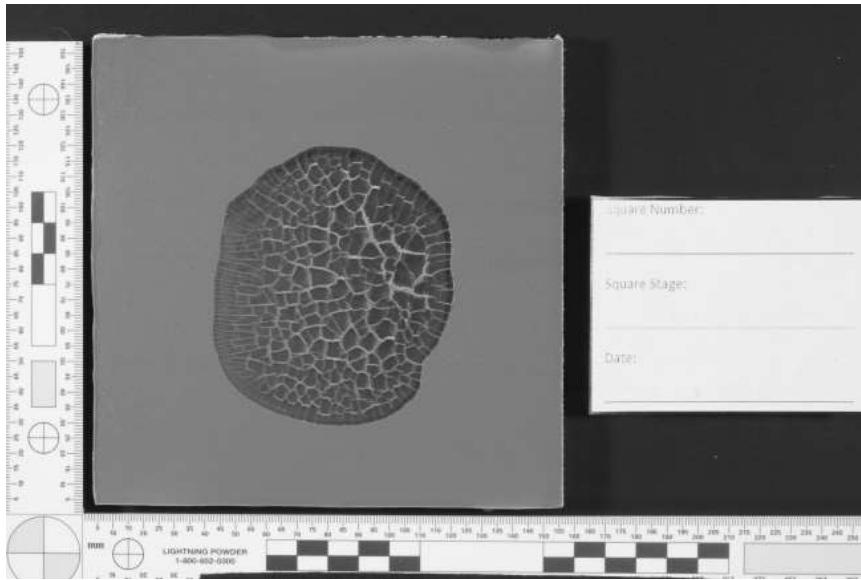
Longpass #87A Single



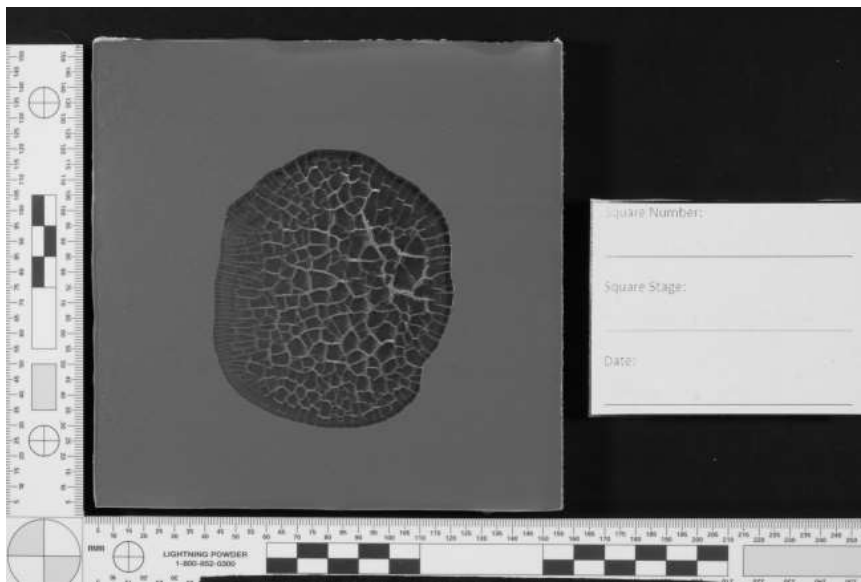
Longpass #87B HDR



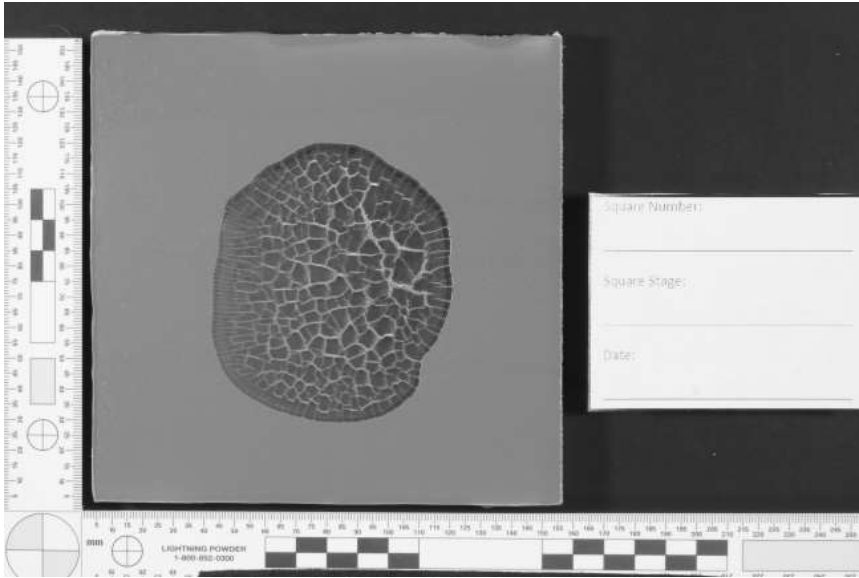
Longpass #87B Single



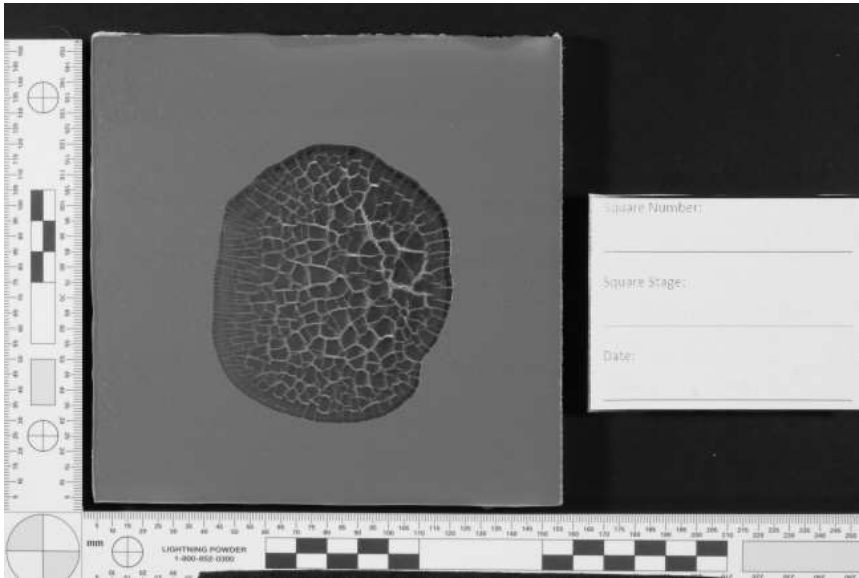
Longpass #88A HDR



Longpass #88A Single



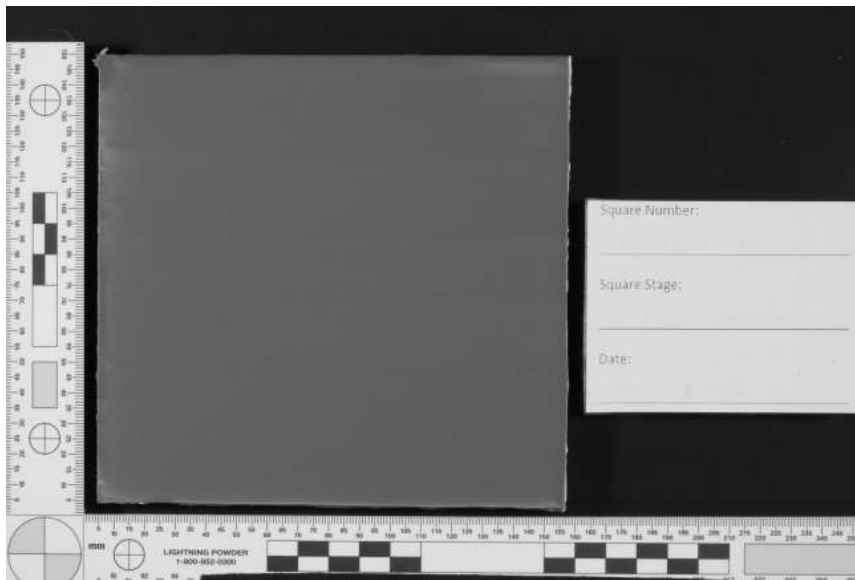
Longpass #89B HDR



Longpass #89B Single



Maroon Latex 16 – Control No Blood

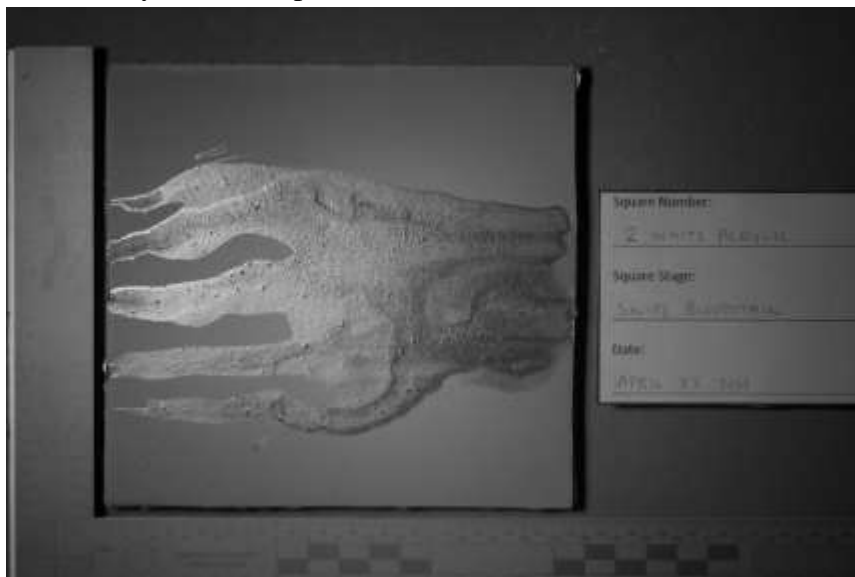


Longpass #70 HDR

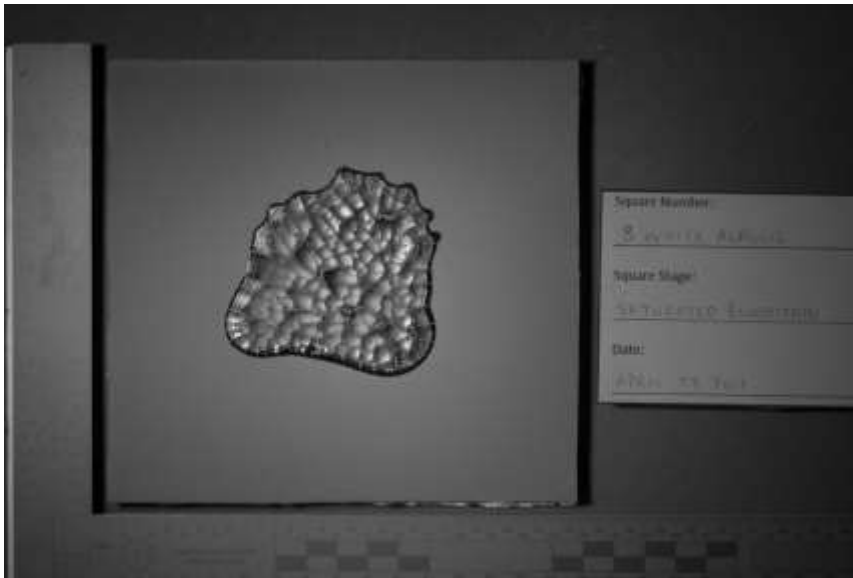
Appendix 4.1.3. Ultraviolet Photography  
Appendix 4.1.3.1 White Acrylic Bloodstain pattern stage  
White Acrylic 1 – Medium Velocity



White Acrylic 2 – Swipe



White Acrylic 3 – Saturated



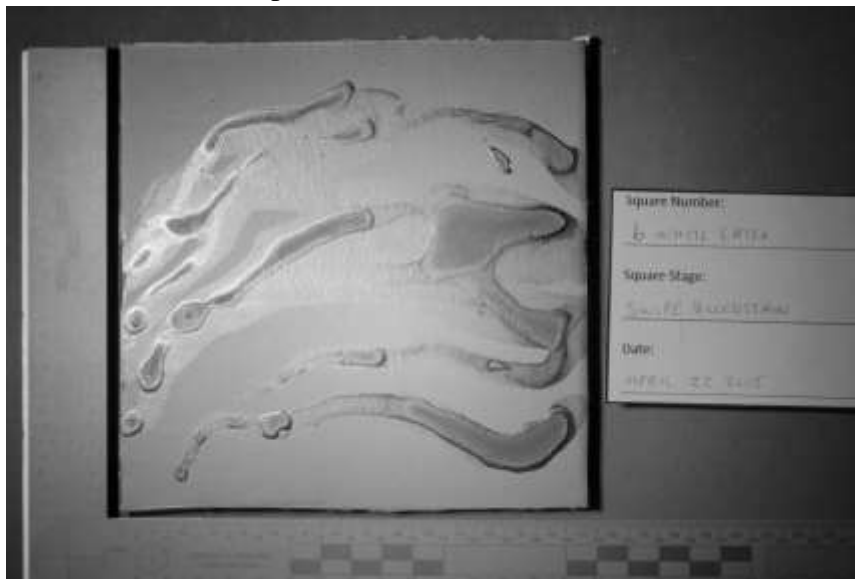
White Acrylic 4 – Control No Bloodstain



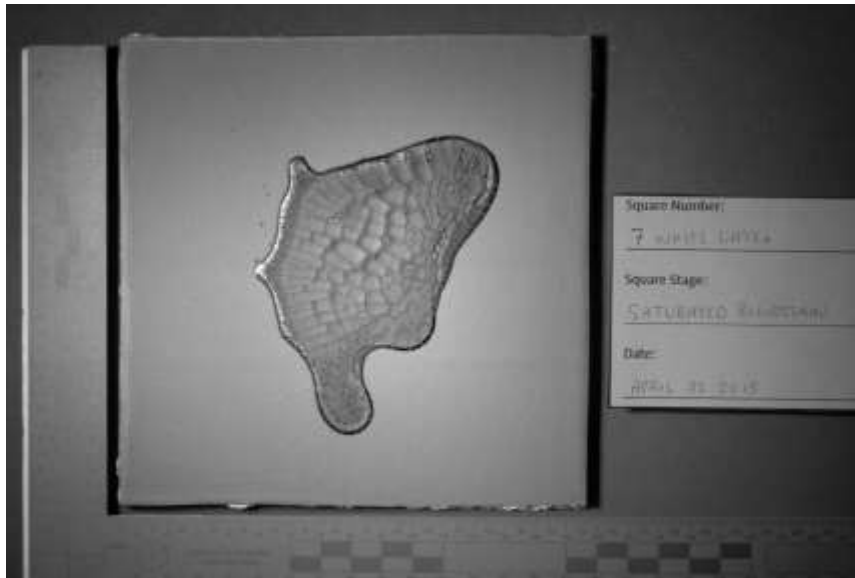
Appendix 4.1.3.2. White Latex Bloodstain pattern stage  
White Latex 5 – Medium Velocity



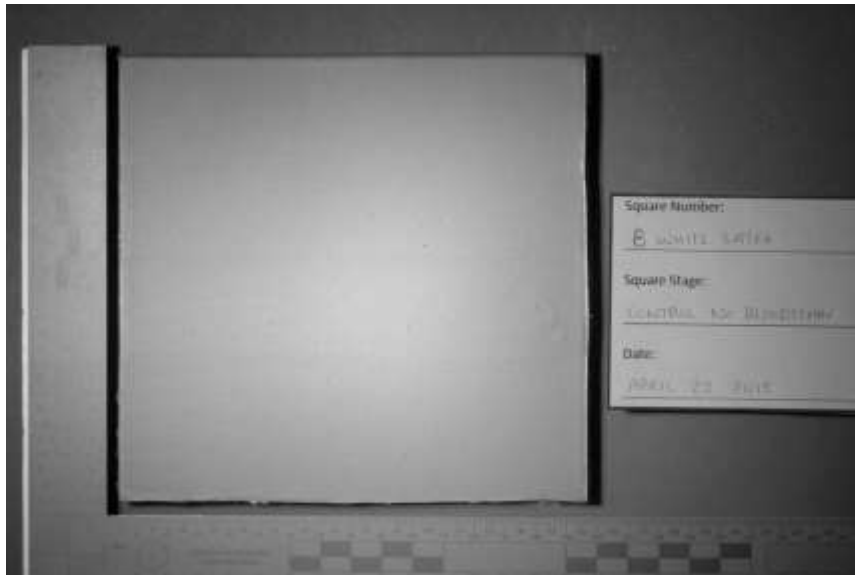
White Latex 6 – Swipe



White Latex 7 – Saturated



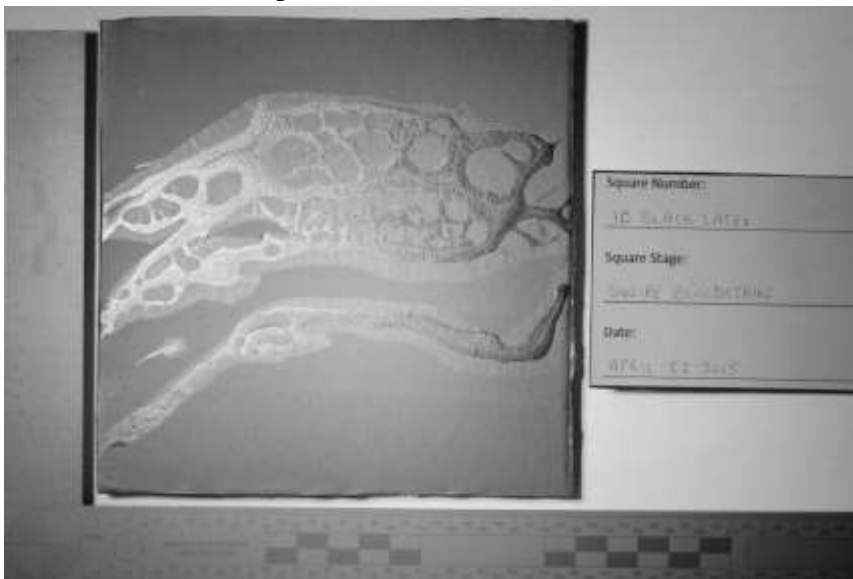
White Latex 8 – Control No Bloodstain



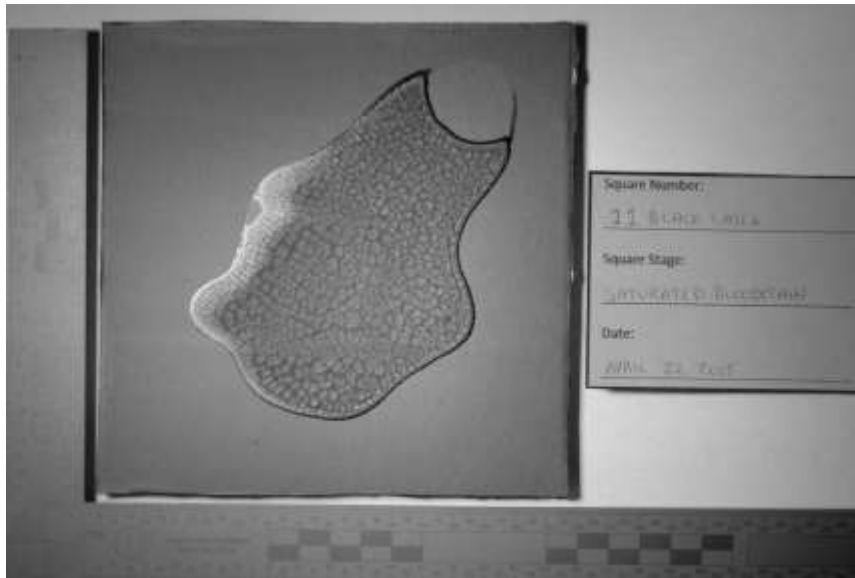
Appendix 4.1.3.3. Black Latex Bloodstain pattern stage  
Black Latex 9 – Medium Velocity



Black Latex 10 - Swipe



Black Latex 11 – Saturated



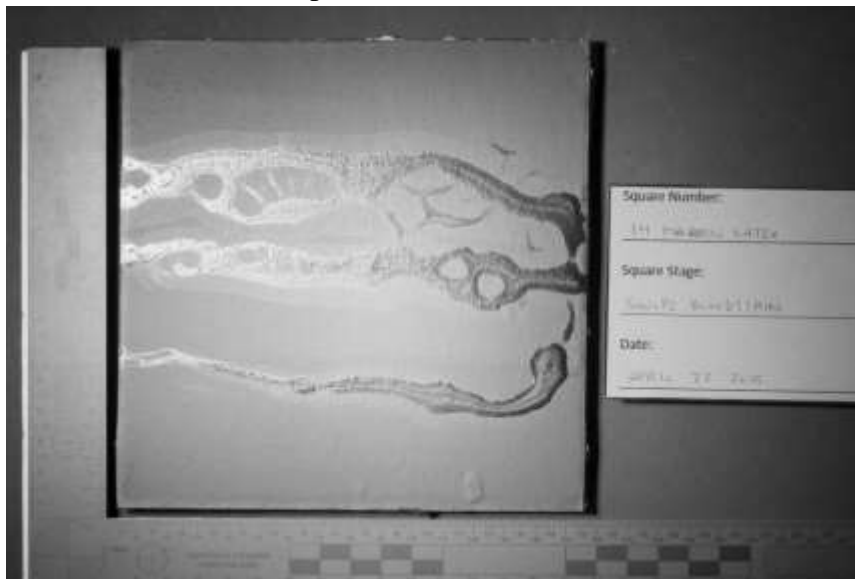
Black Latex 12 – Control No Bloodstain



Appendix 4.1.3.4. Maroon Latex Bloodstain pattern stage  
Maroon Latex 13 – Medium Velocity

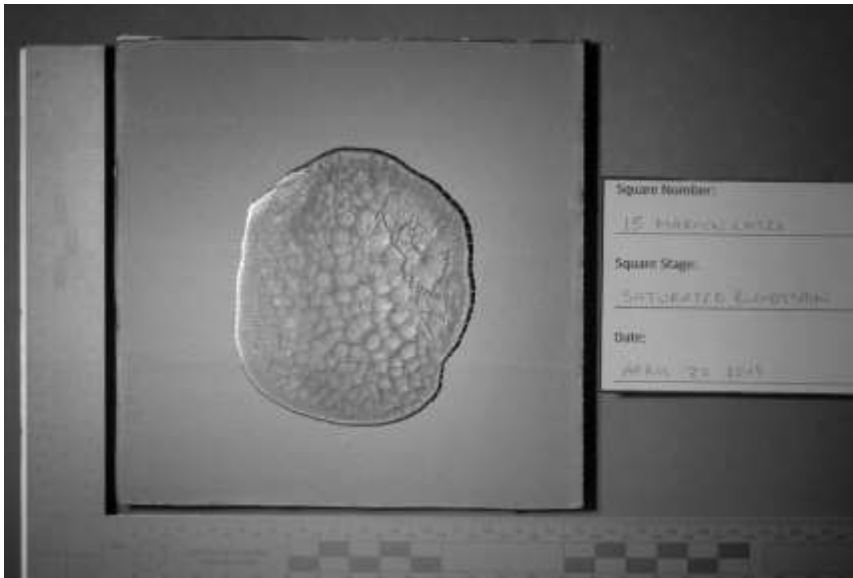


Maroon Latex 14 – Swipe





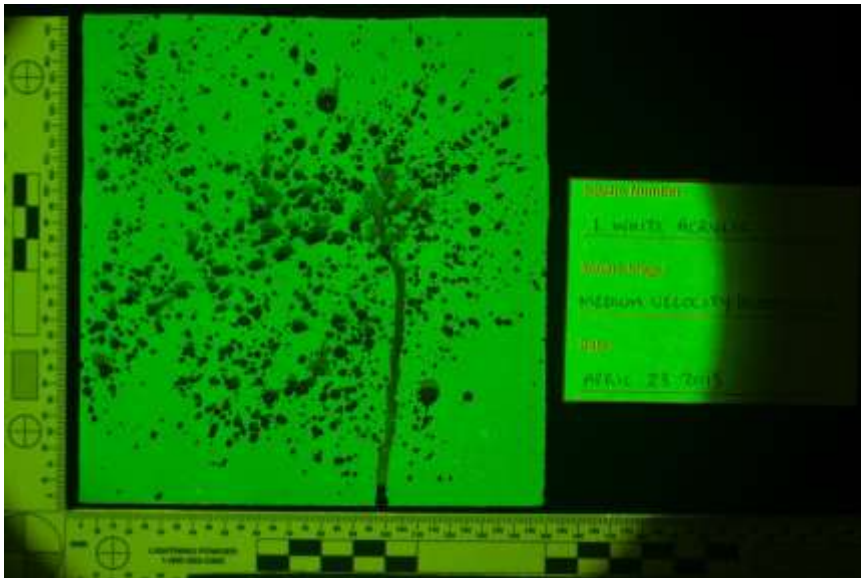
Maroon Latex 15 – Saturated



Maroon Latex 16 – Control No Bloodstain

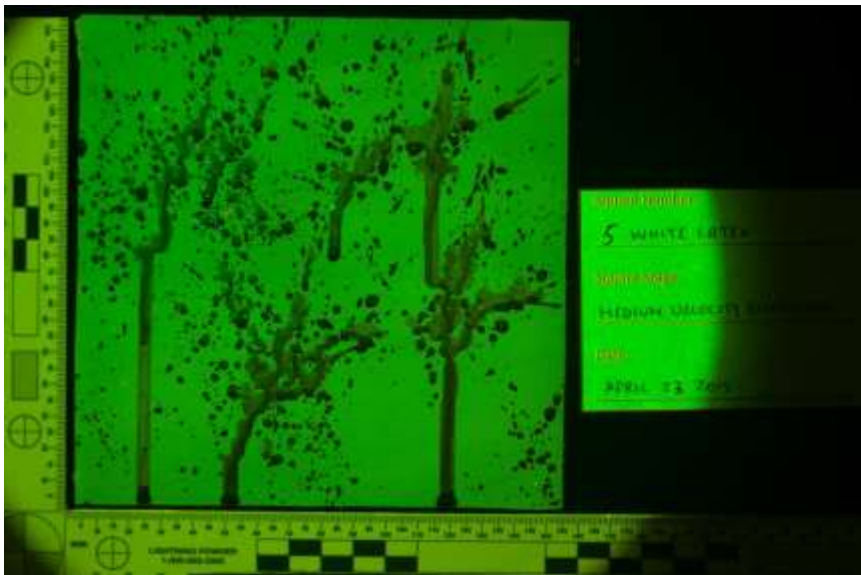


Appendix 4.1.4. Fluorescence Photography Bloodstain pattern stage  
Appendix 4.1.4.1. White Acrylic 1 – Medium Velocity



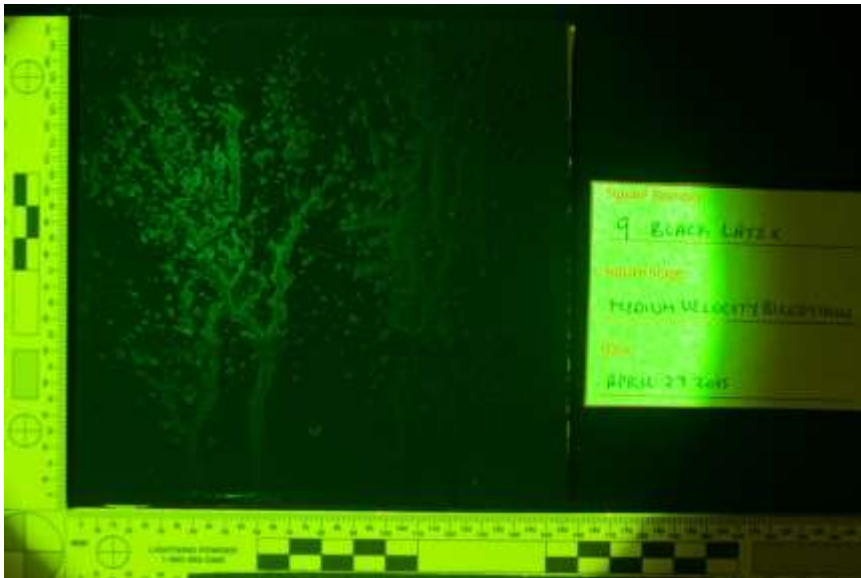
Yellow 445nm

Appendix 4.1.4.2. White Latex 5 – Medium Velocity



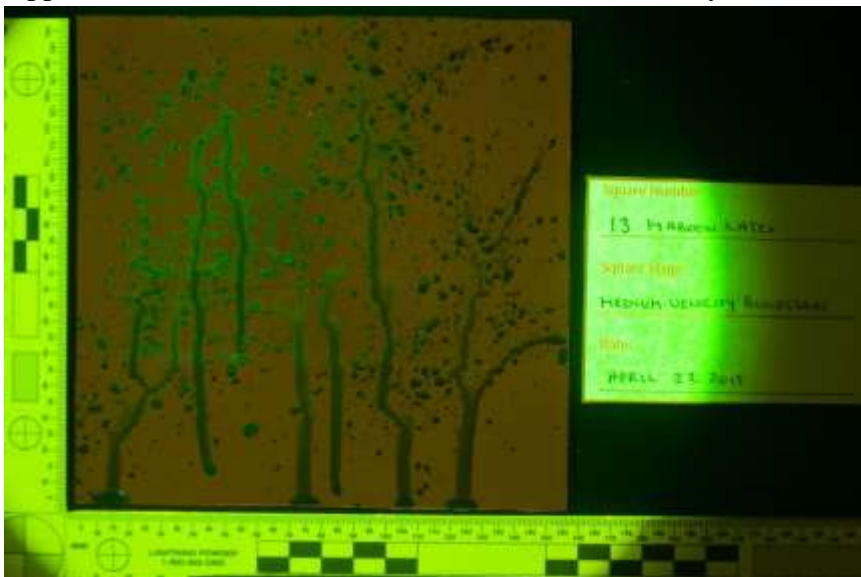
Yellow 445nm

Appendix 4.1.4.3. Black Latex 9 – Medium Velocity



Yellow 445nm

Appendix 4.1.4.4. Maroon Latex 13 – Medium Velocity



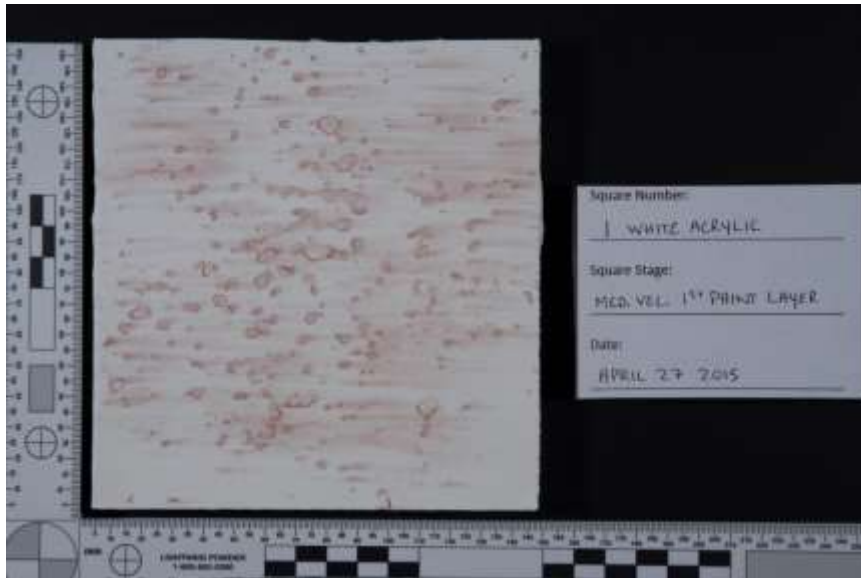
Yellow 445nm

## First Layer of Paint over Bloodstain Patterns Stage

### Appendix 4.2.2. Standard Photography

#### Appendix 4.2.2.1. White Acrylic First layer of paint stage

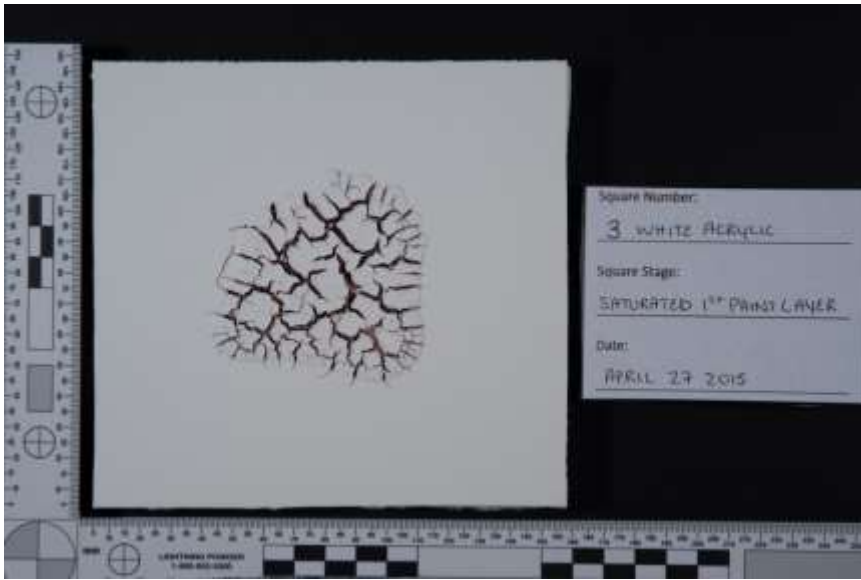
##### White Acrylic 1 – Medium Velocity



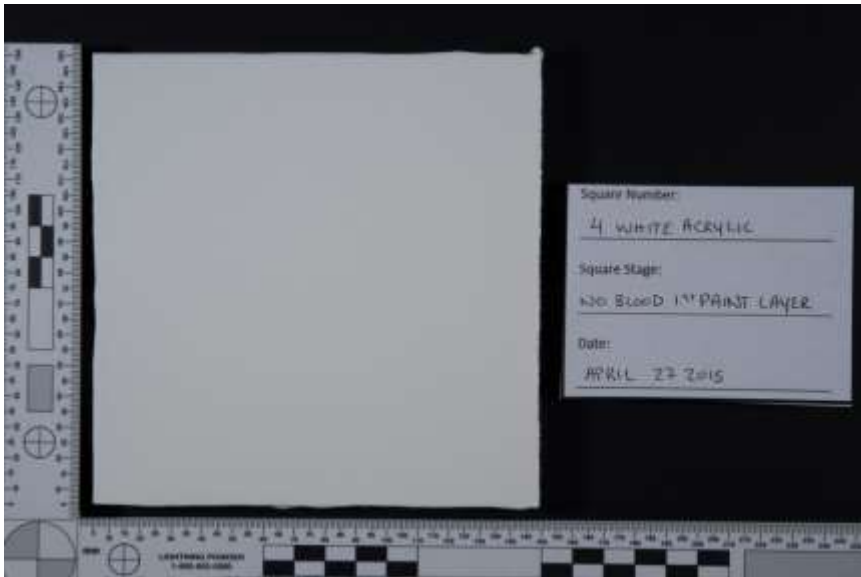
##### White Acrylic 2 – Swipe



White Acrylic 3 – Saturated



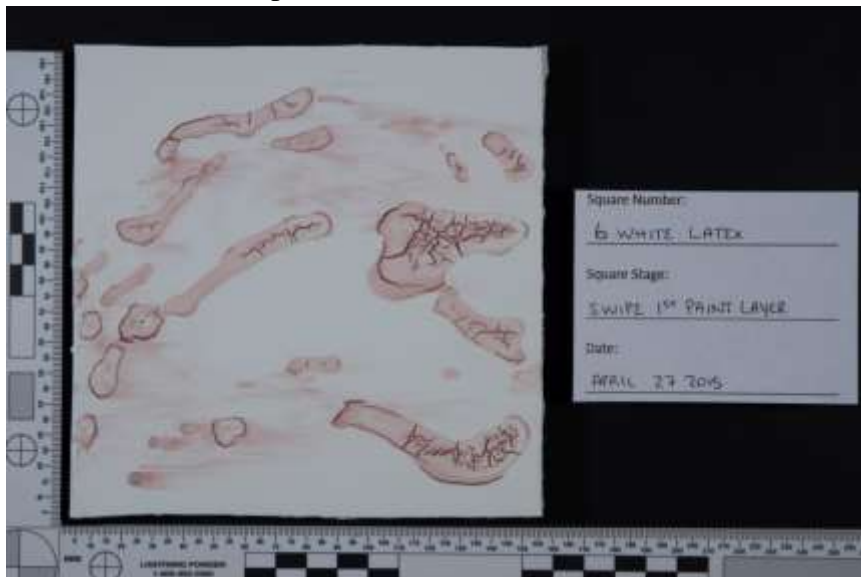
White Acrylic 4 – Control No Bloodstain



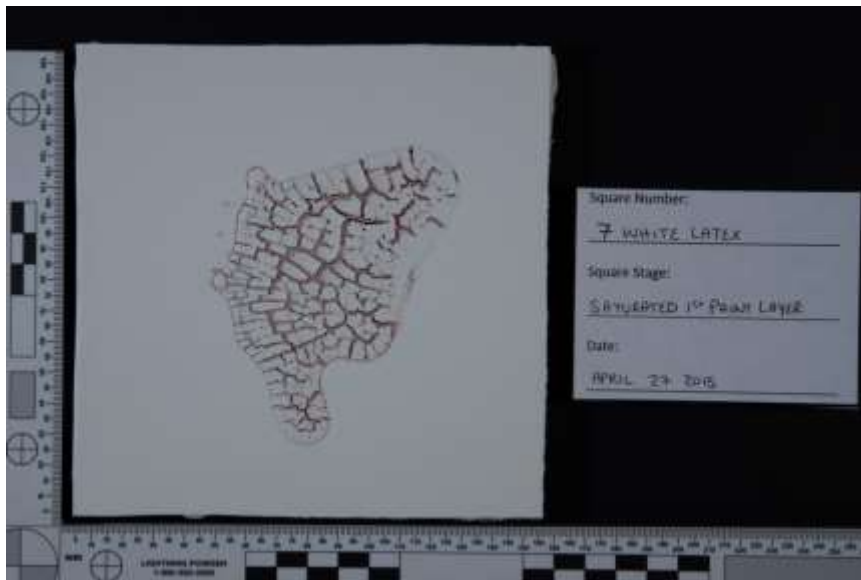
Appendix 4.2.2.2. White Latex First layer of paint stage  
White Latex 5 – Medium Velocity



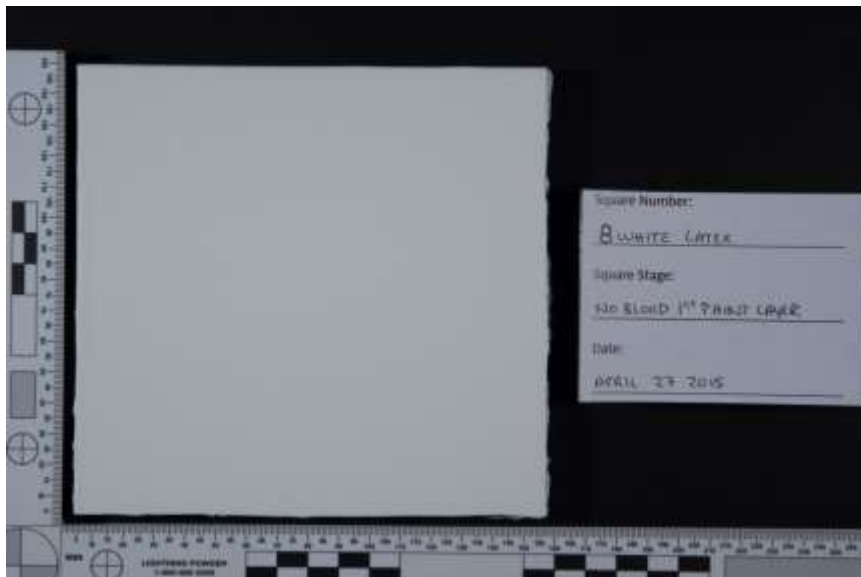
White Latex 6 – Swipe



White Latex 7 – Saturated



White Latex 8 – Control No Bloodstain





Appendix 4.2.2.3. Black Latex First layer of paint stage  
Black Latex 9 – Medium Velocity



Black Latex 10 – Swipe





Black Latex 11 – Saturated



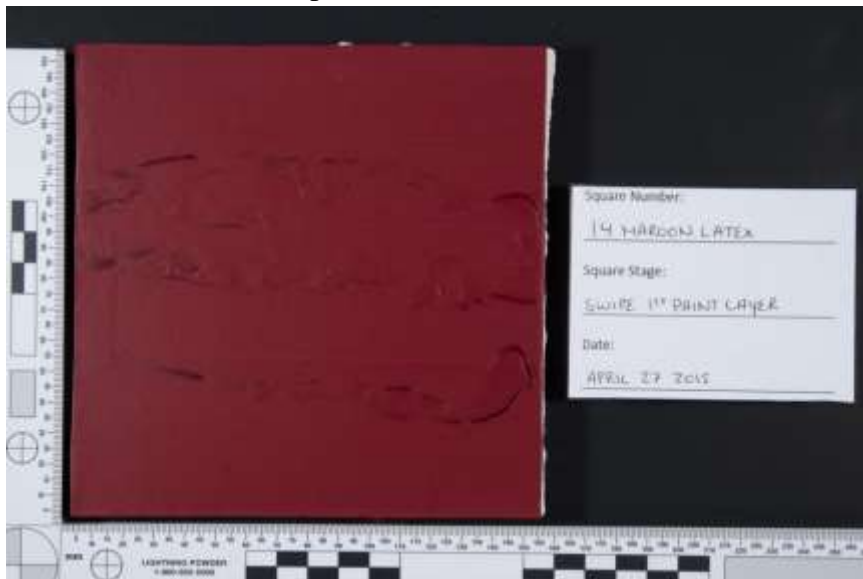
Black Latex 12 – Control No Bloodstain



Appendix 4.2.2.4. Maroon Latex First layer of paint stage  
Maroon Latex 13 – Medium Velocity



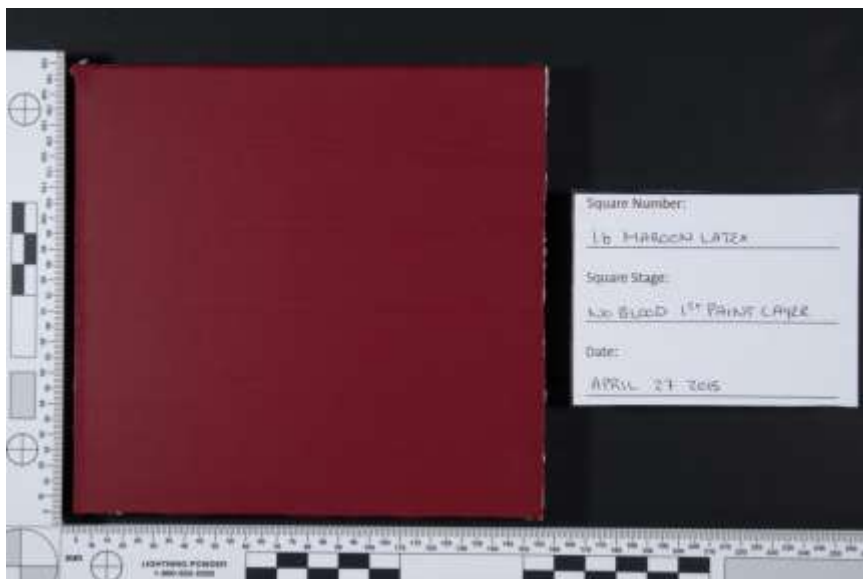
Maroon Latex 14 – Swipe



Maroon Latex 15 – Saturated



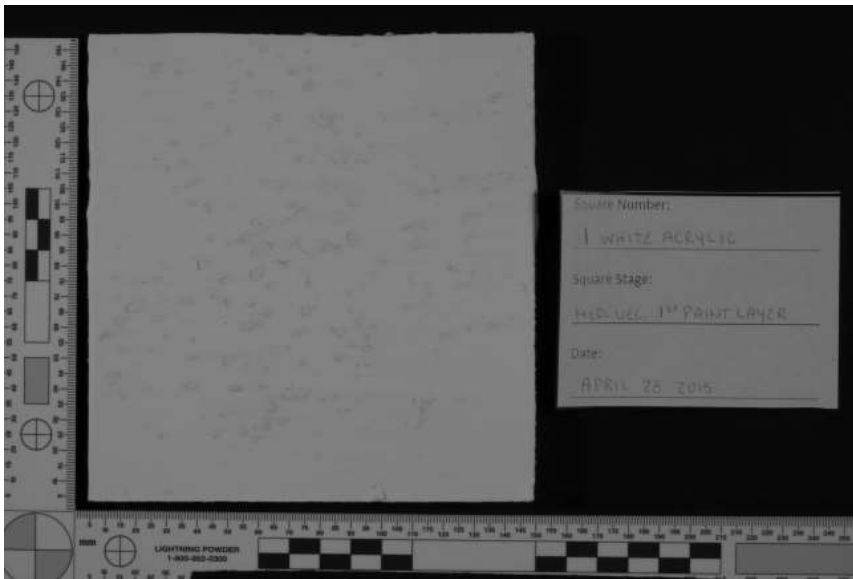
Maroon Latex 16 – Control No Bloodstain



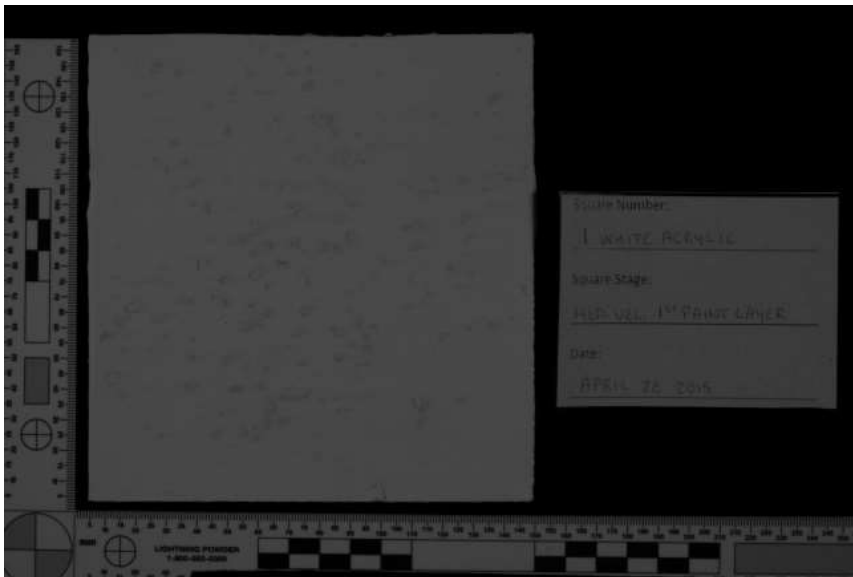
Appendix 4.2.3. Reflective Infrared Photography

Appendix 4.2.3.1. White Acrylic 70, 87, 87A, 87B, 88A, 89B First layer of paint stage

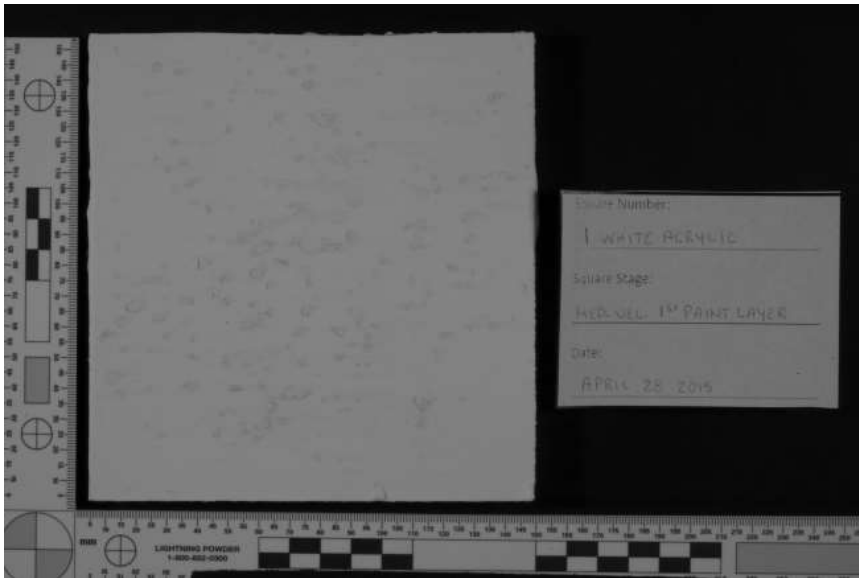
White Acrylic 1 – Medium Velocity



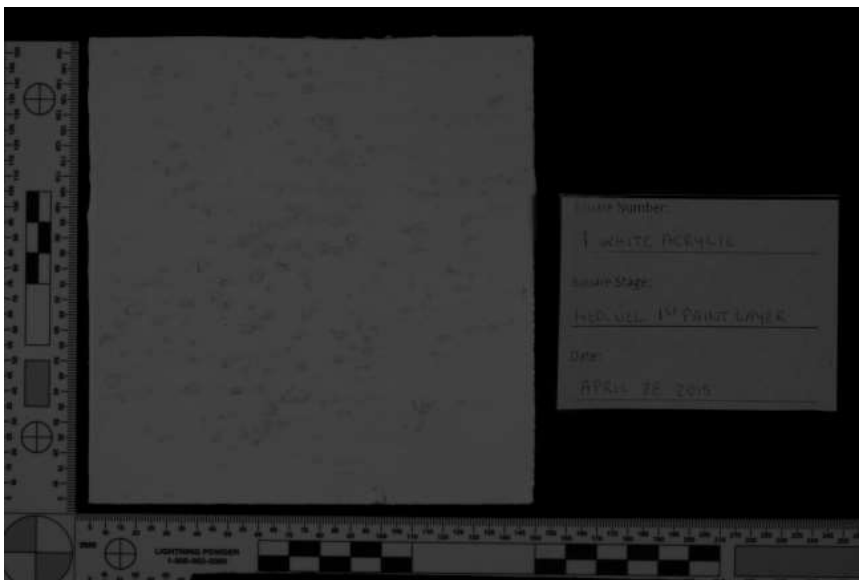
Longpass #70 HDR



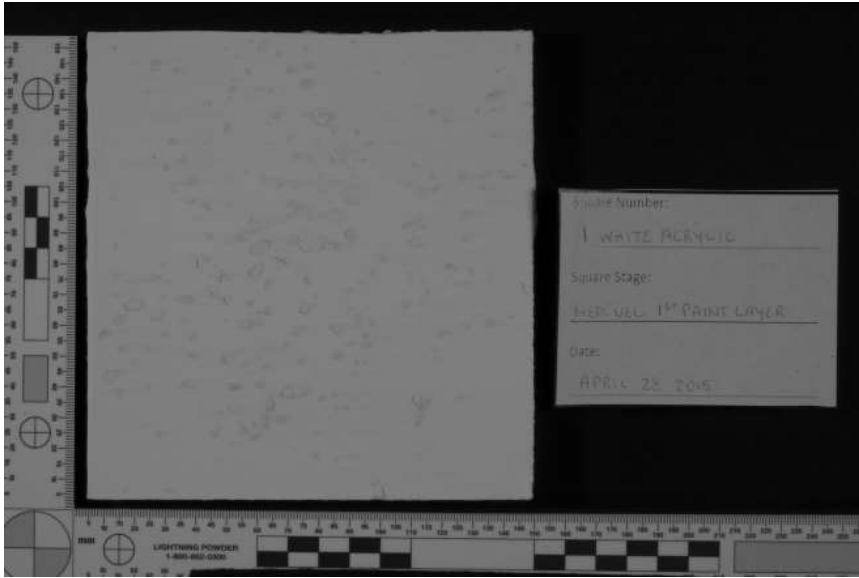
Longpass #70 Single



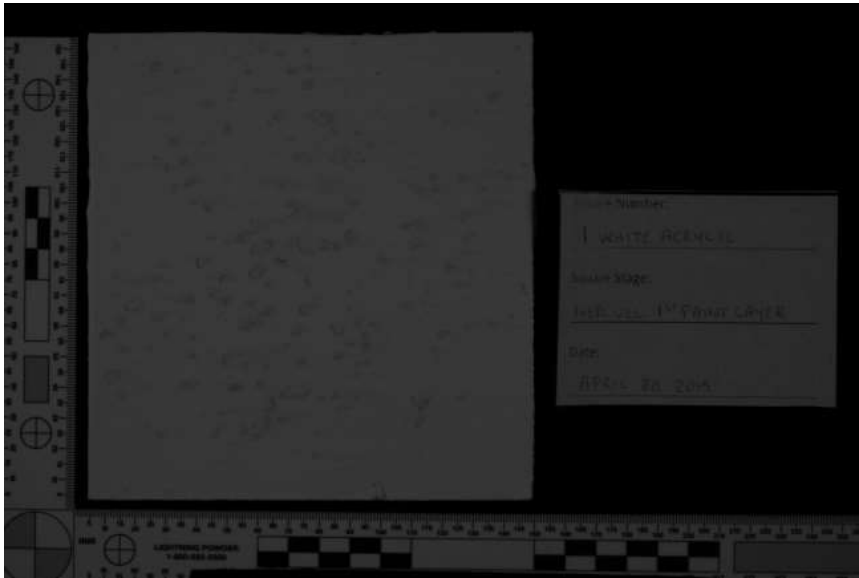
Longpass #87 HDR



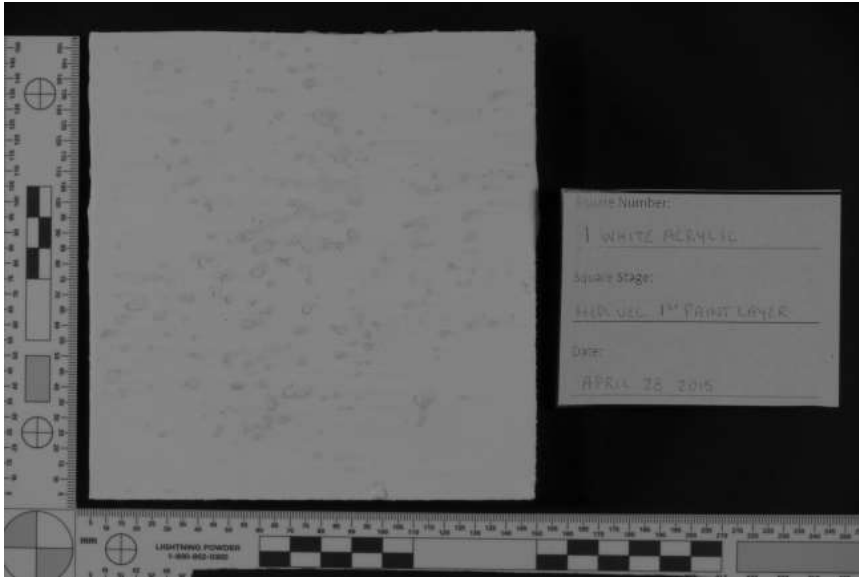
Longpass #87 Single



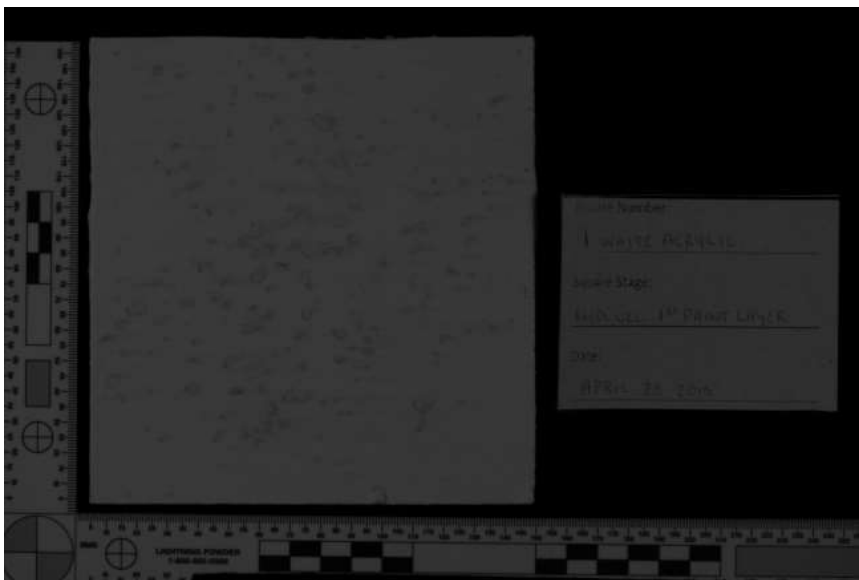
Longpass #87A HDR



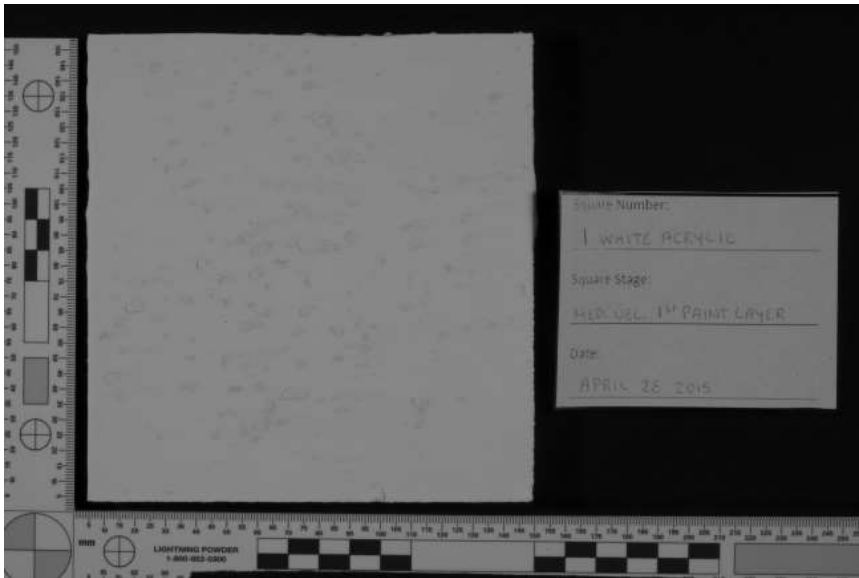
Longpass #87A Single



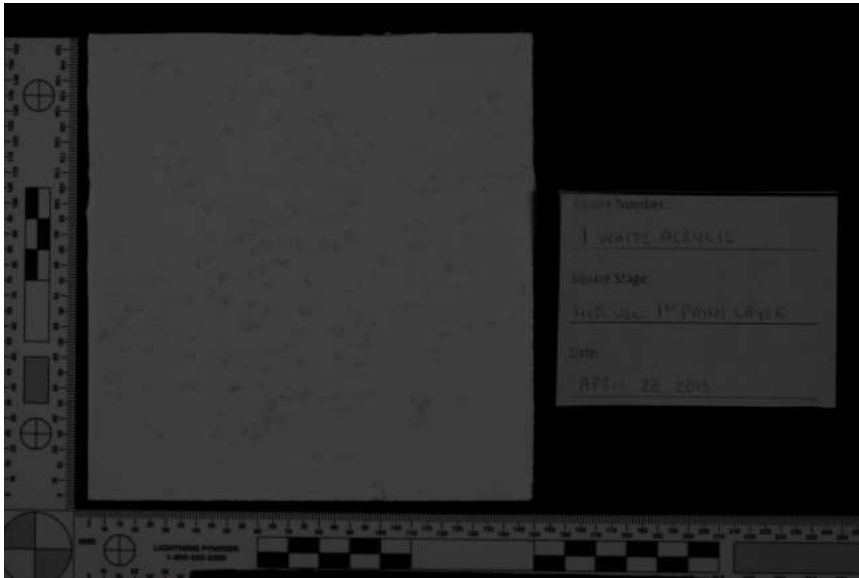
Longpass #87B HDR



Longpass #87B Single

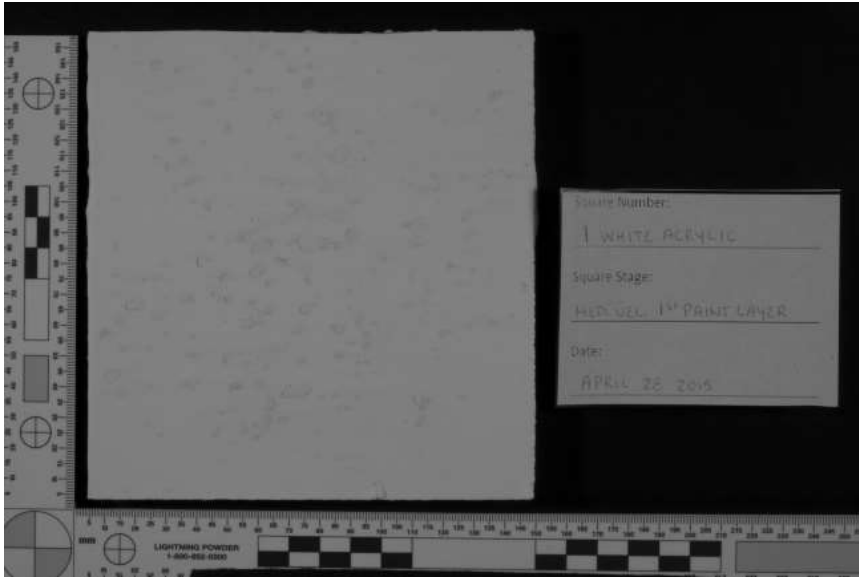


Longpass #88A HDR

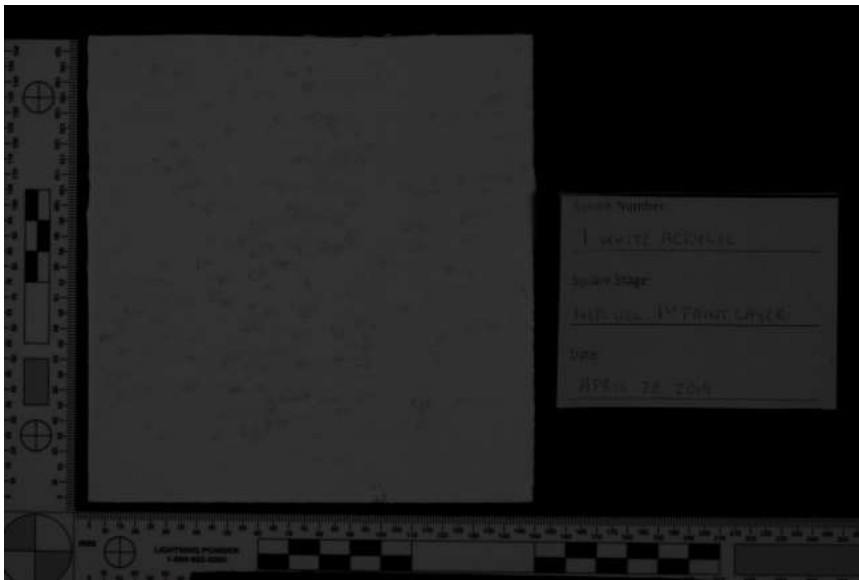


Longpass #88A Single



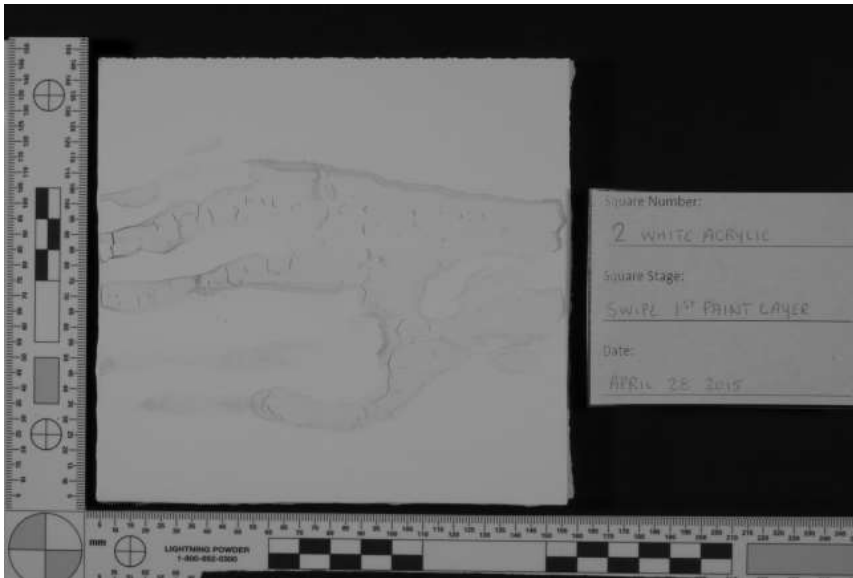


Longpass #89B HDR

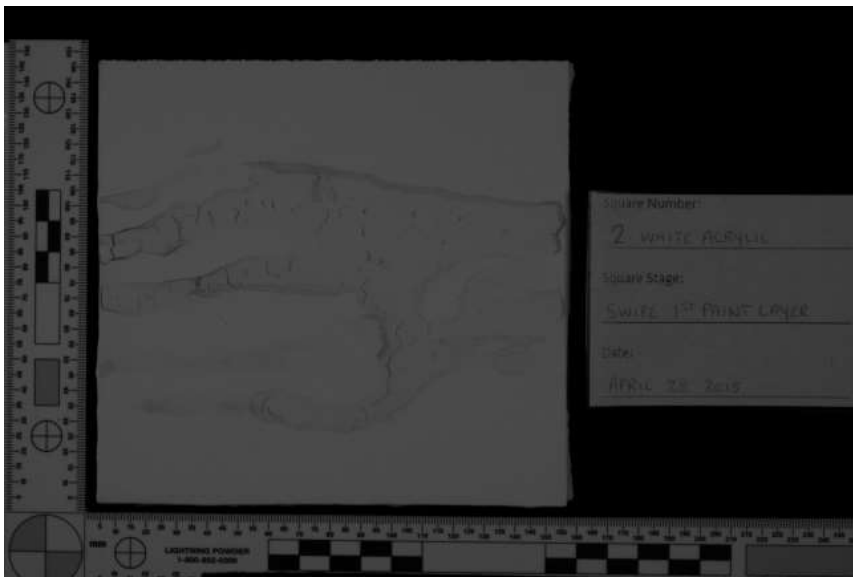


Longpass #89B Single

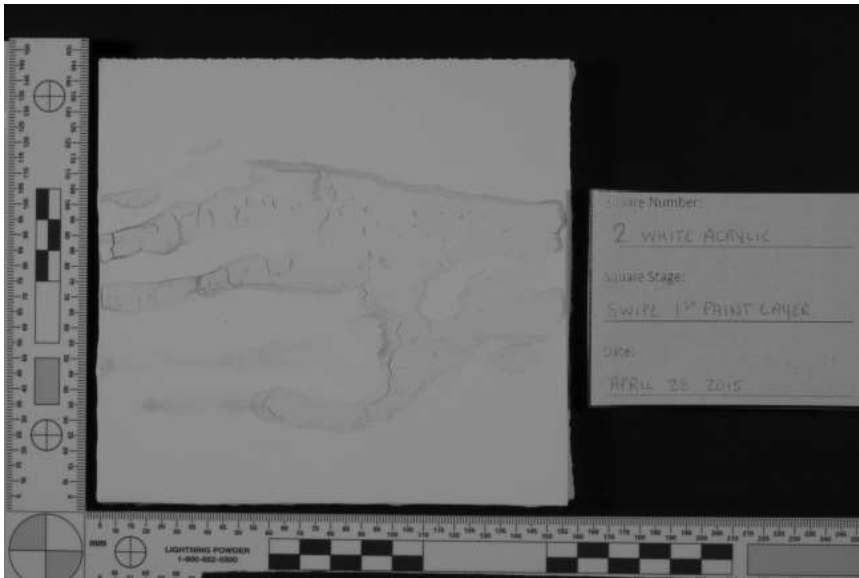
White Acrylic 2 – Swipe



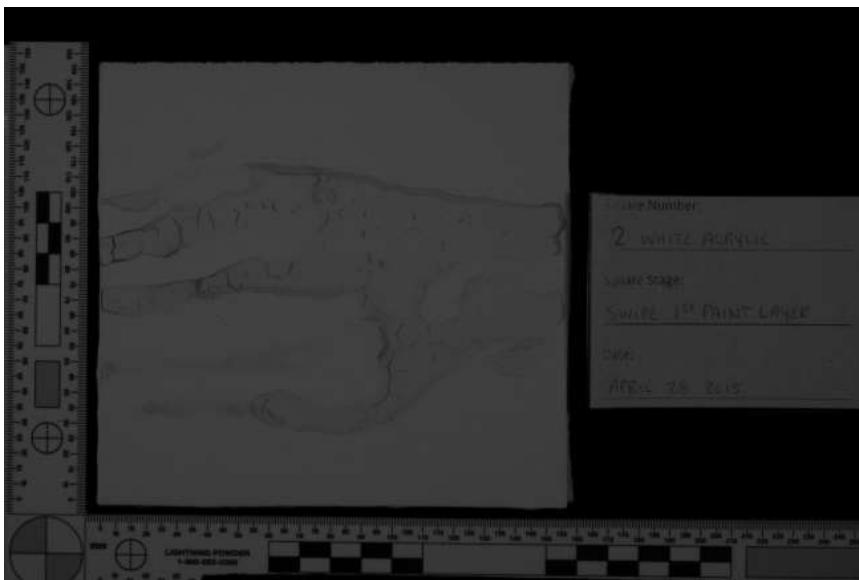
Longpass #70 HDR



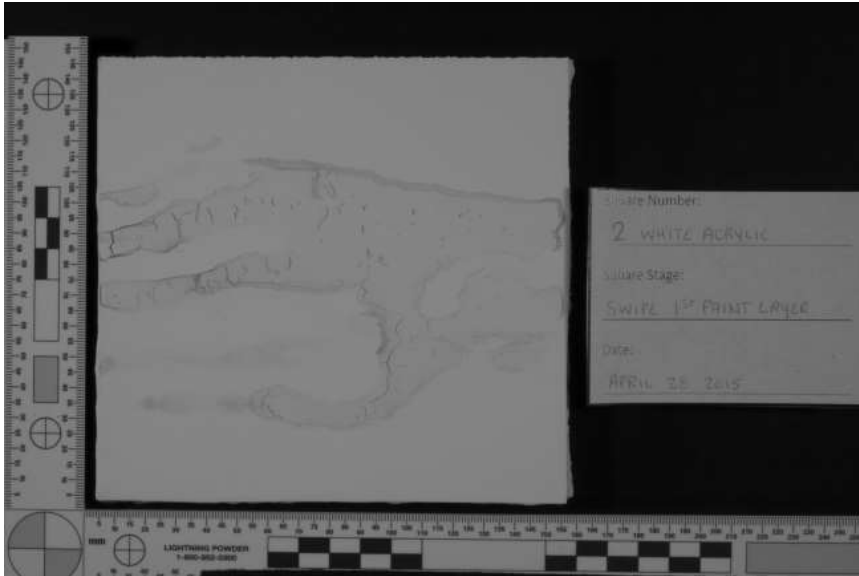
Longpass #70 Single



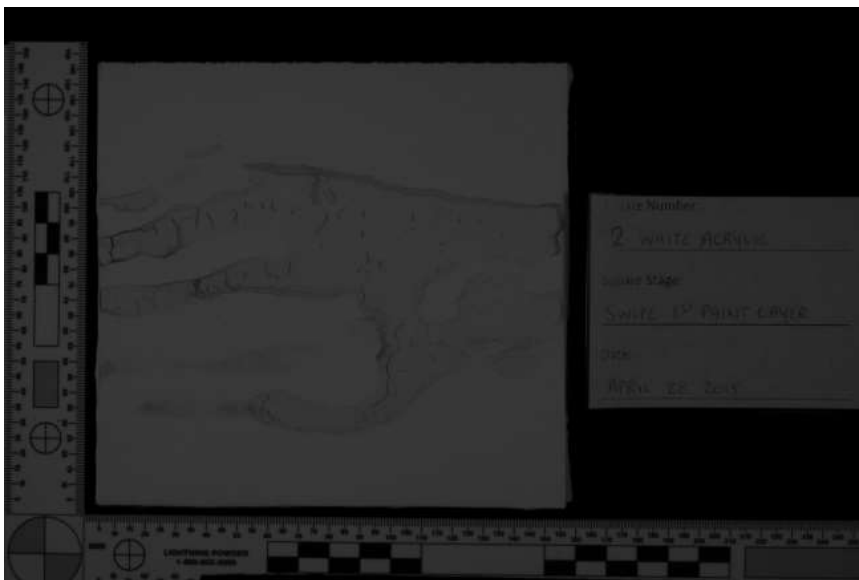
Longpass #87 HDR



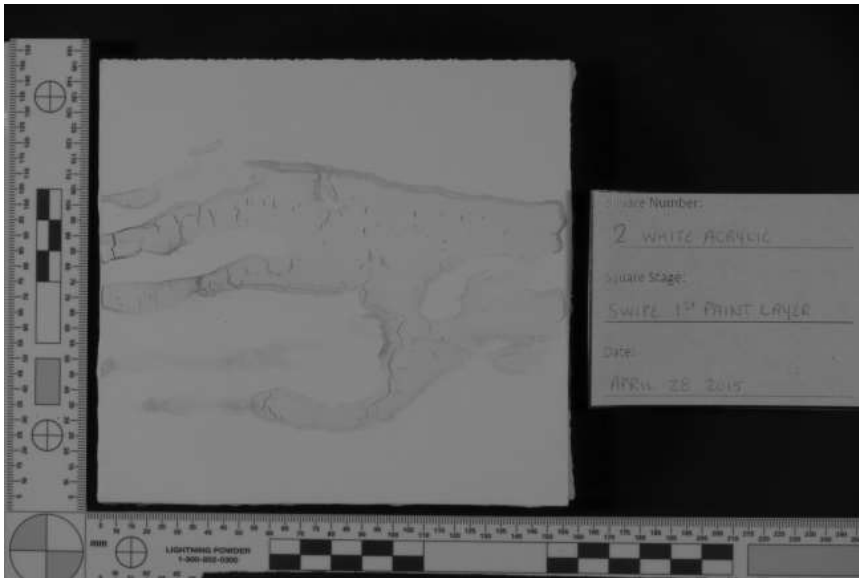
Longpass #87 Single



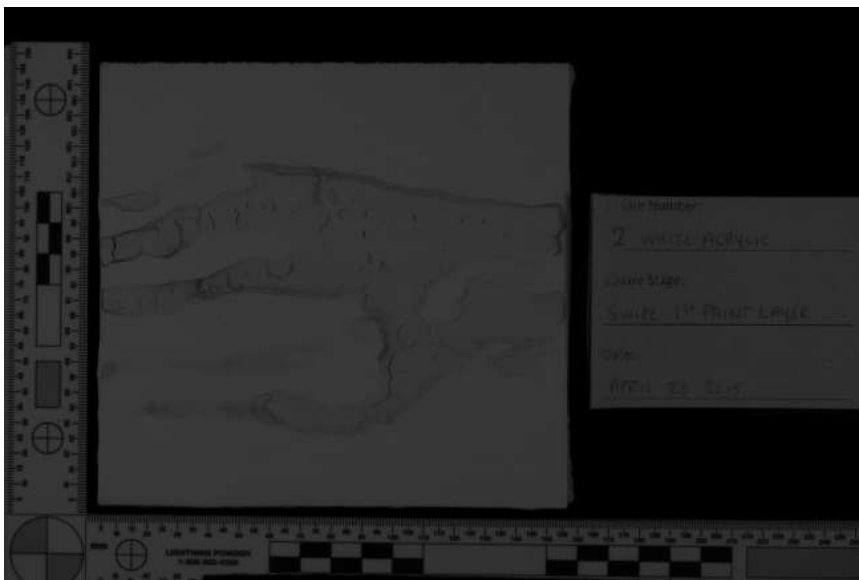
Longpass #87A HDR



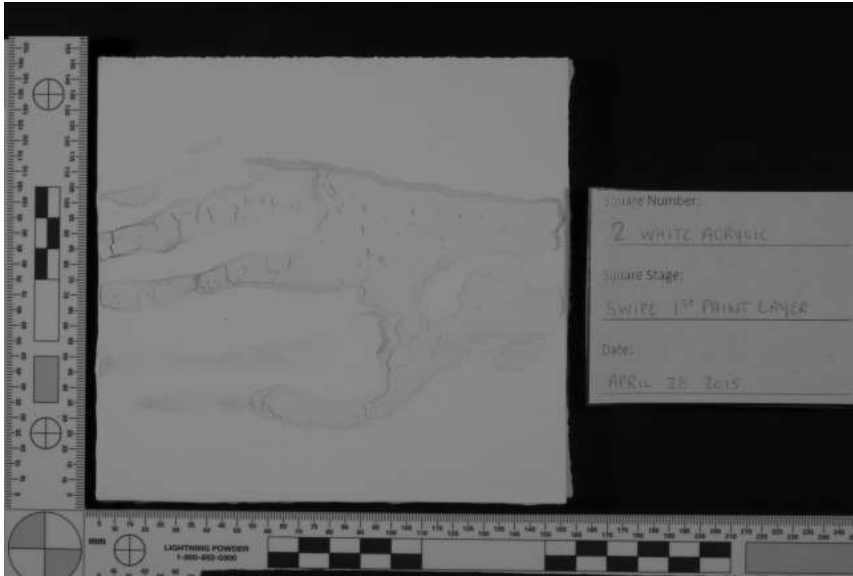
Longpass #87A Single



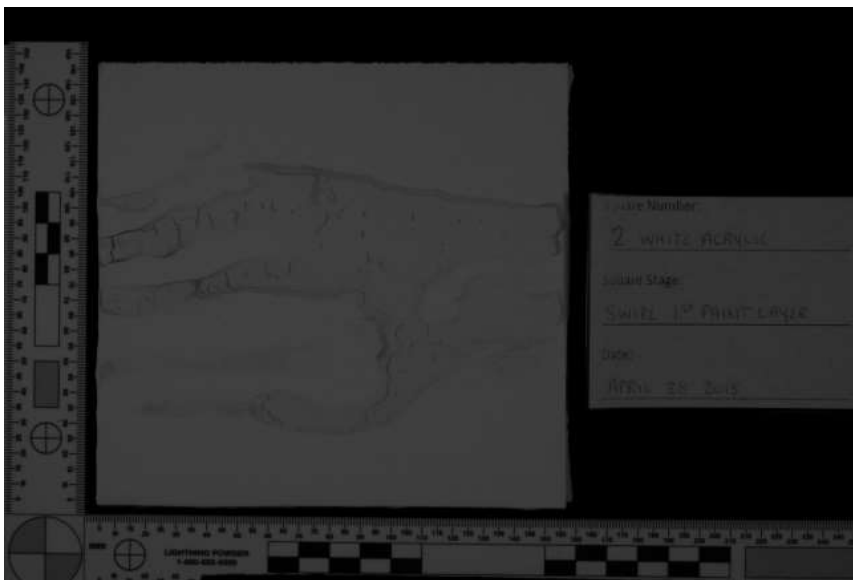
Longpass #87B HDR



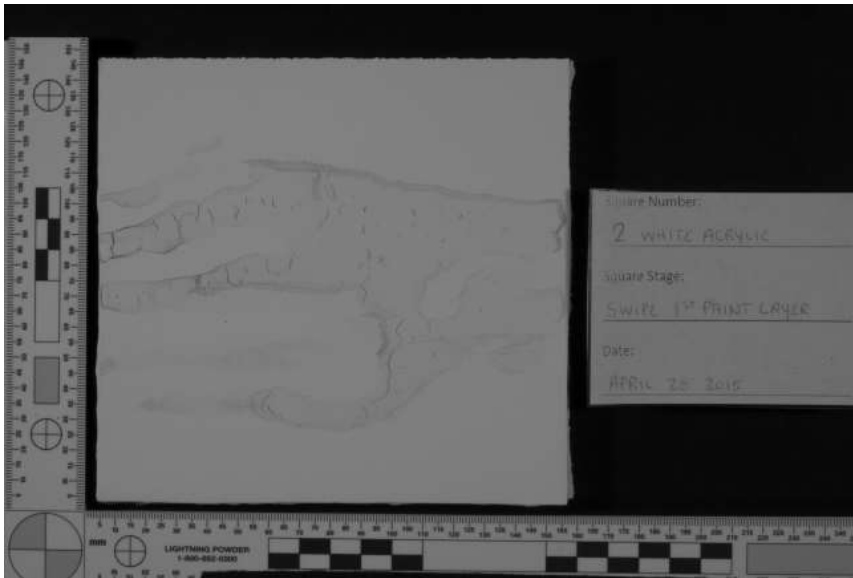
Longpass #87B Single



Longpass #88A HDR



Longpass #88A Single

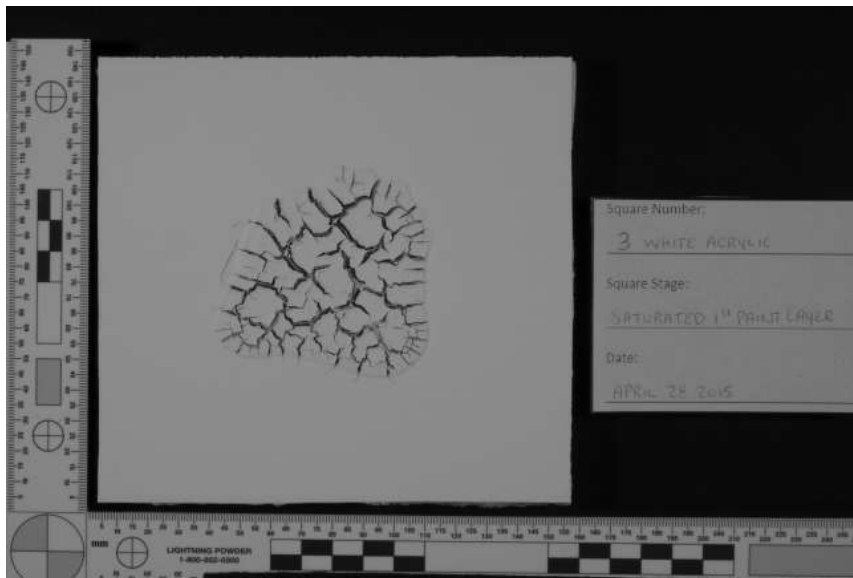


Longpass #89B HDR

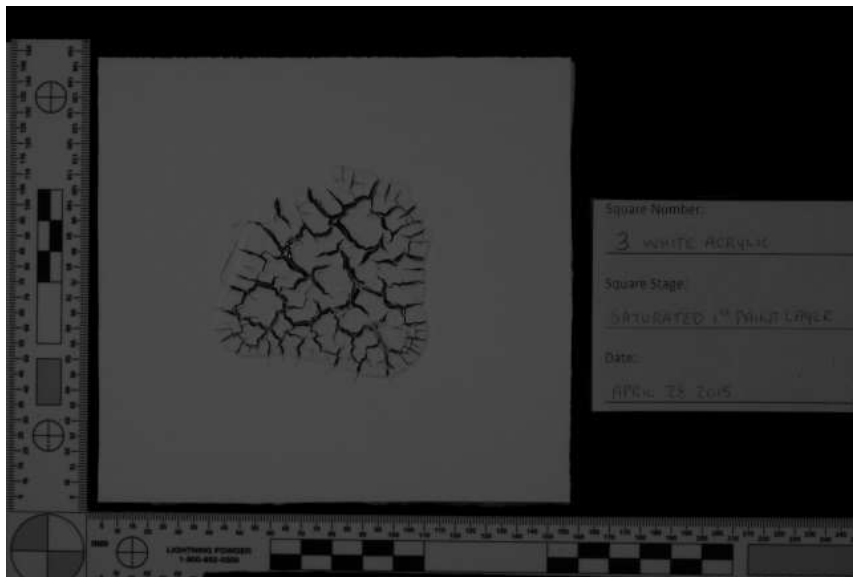


Longpass #89B Single

White Acrylic 3 – Saturated

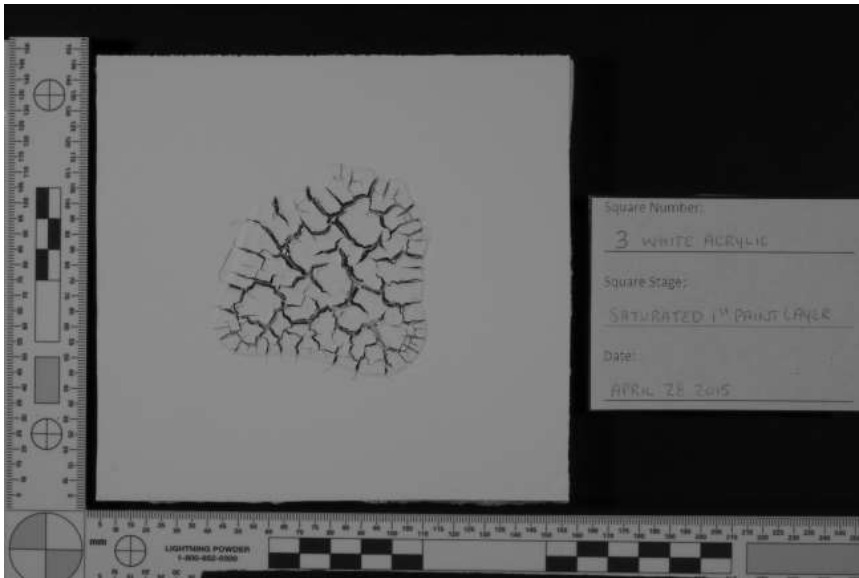


Longpass #70 HDR

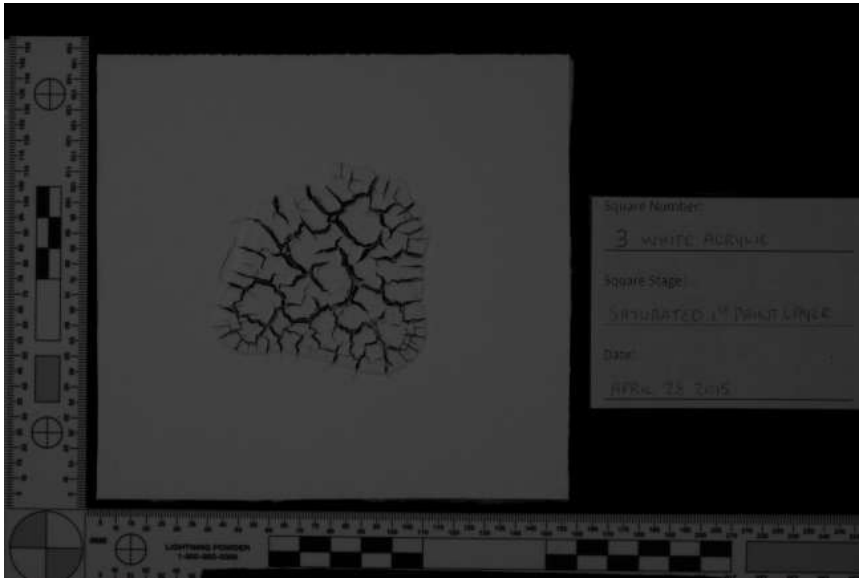


Longpass #70 Single

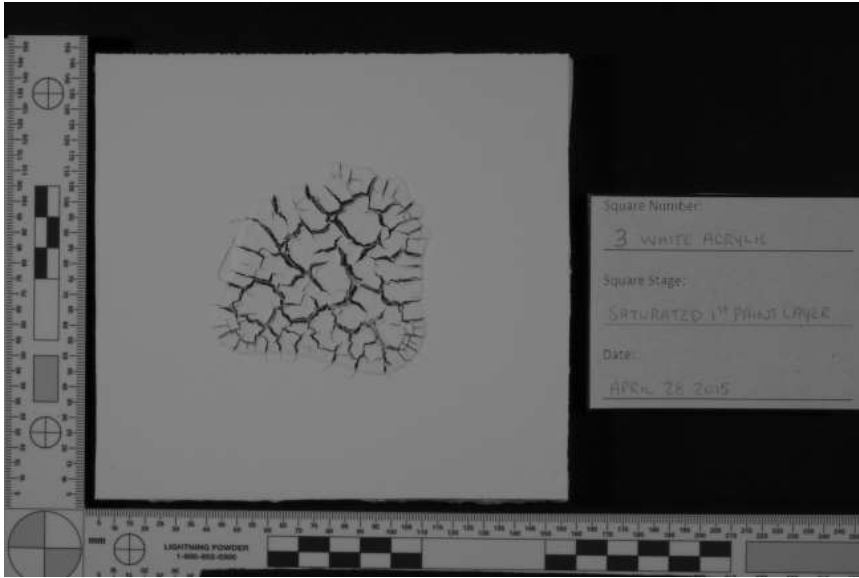




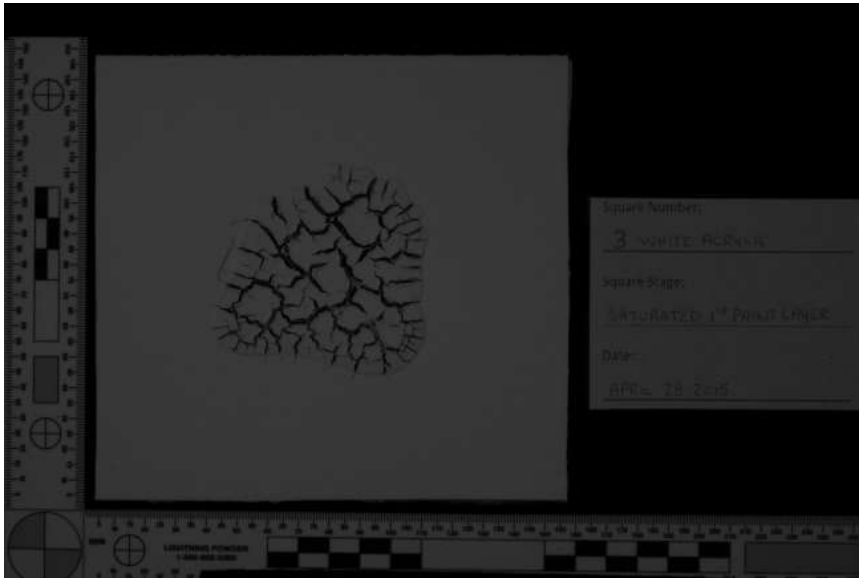
Longpass #87 HDR



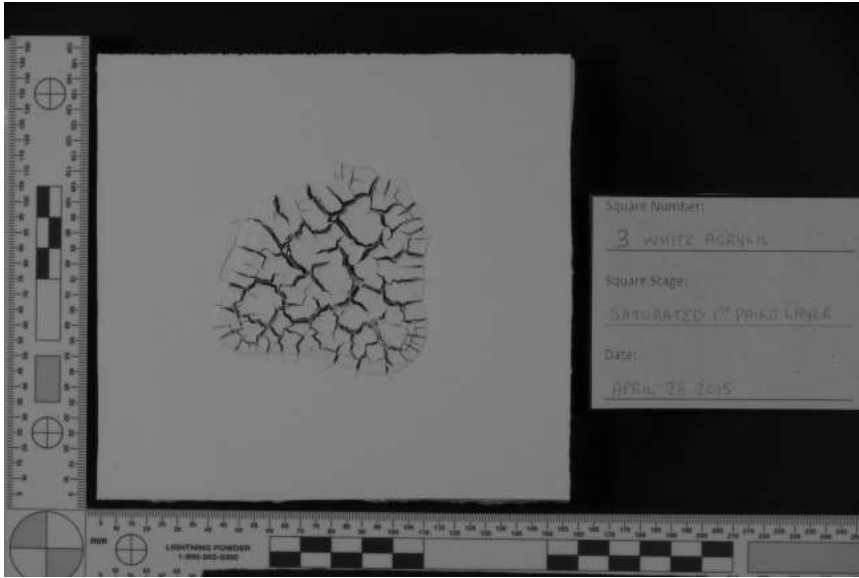
Longpass #87 Single



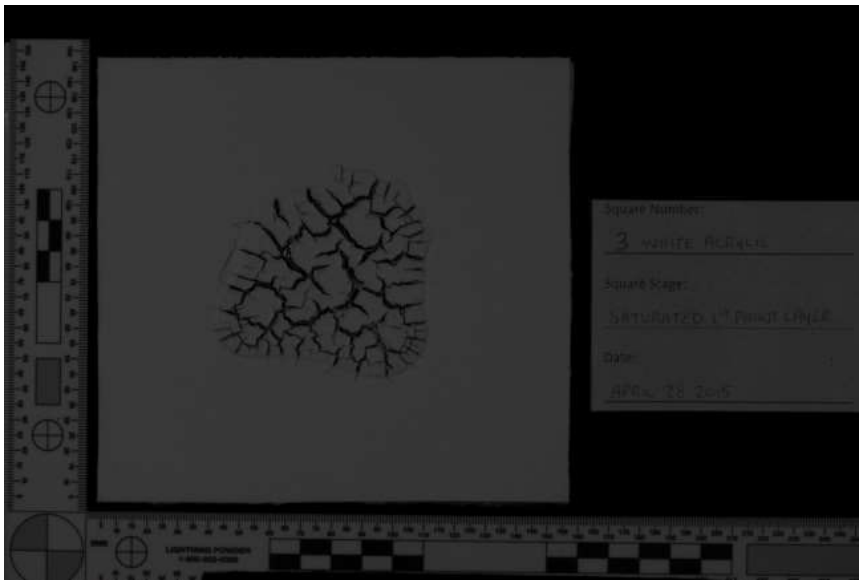
Longpass #87A HDR



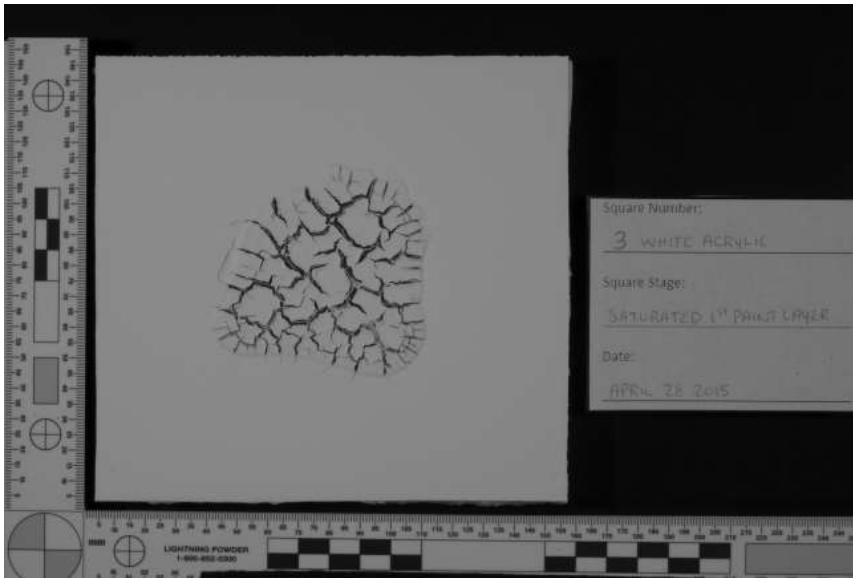
Longpass #87A Single



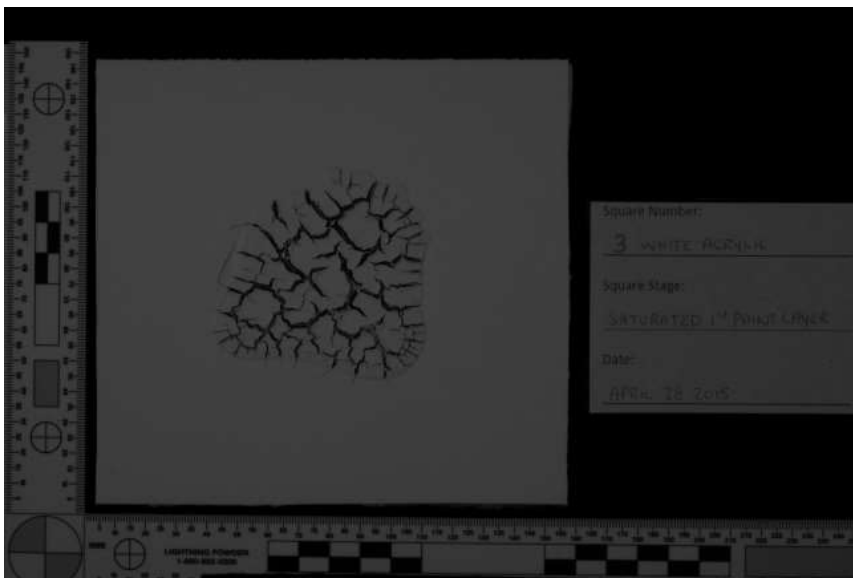
Longpass #87B HDR



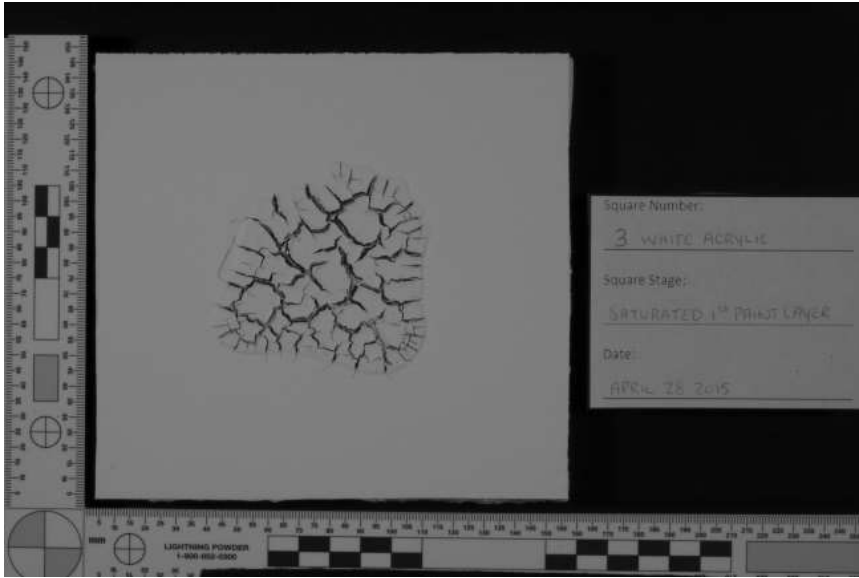
Longpass #87B Single



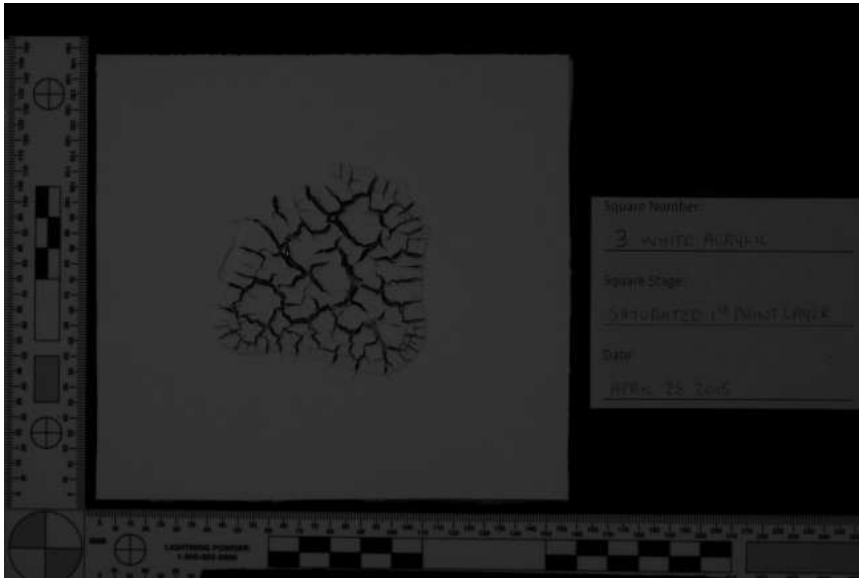
Longpass #88A HDR



Longpass #88A Single

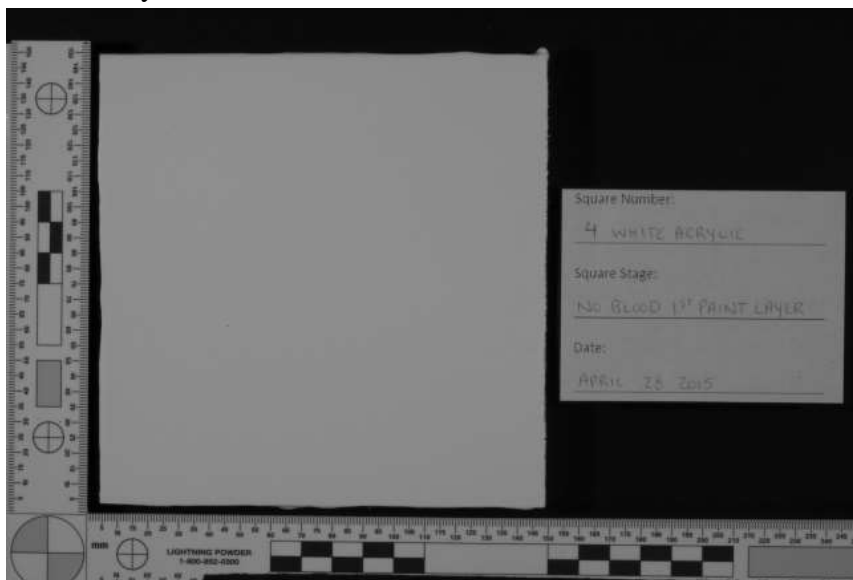


Longpass #89B HDR



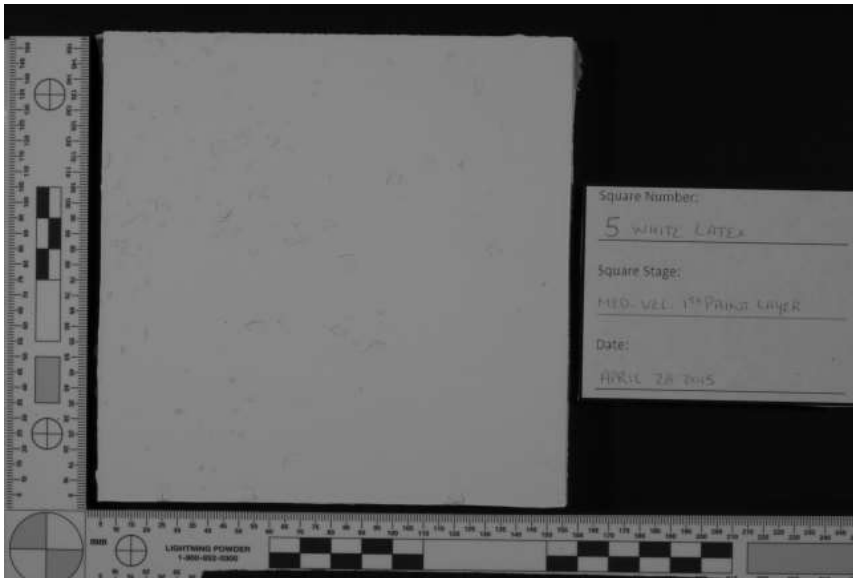
Longpass #89B Single

White Acrylic 4 – Control No Bloodstain



Longpass #70 HDR

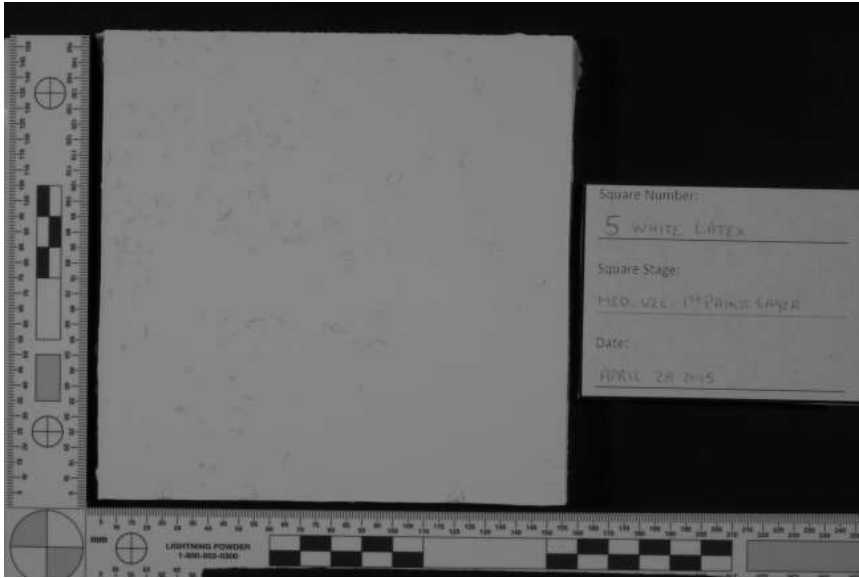
Appendix 4.2.3.2. White Latex 70, 87, 87A, 87B, 88A, 89B First layer of paint stage  
White Latex 5 – Medium Velocity



Longpass #70 HDR



Longpass #70 Single

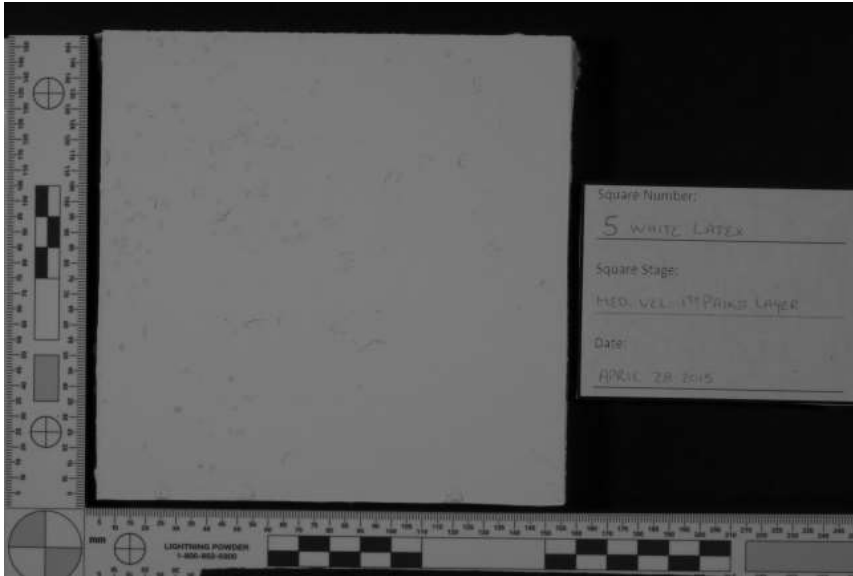


Longpass #87 HDR



Longpass #87 Single

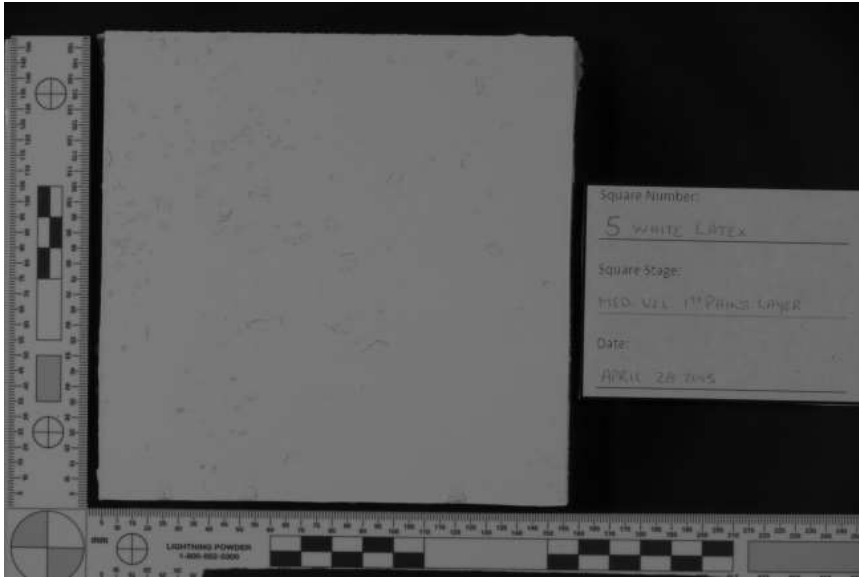




Longpass #87A HDR



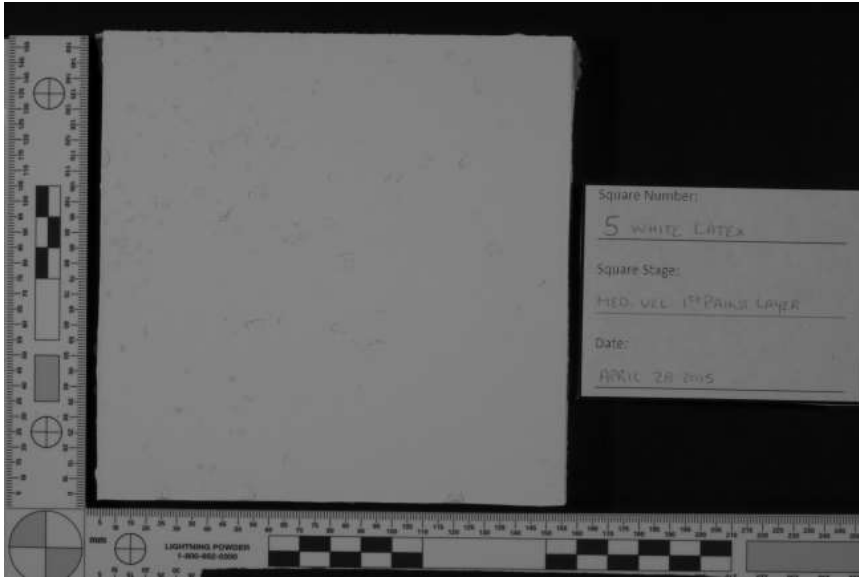
Longpass #87A Single



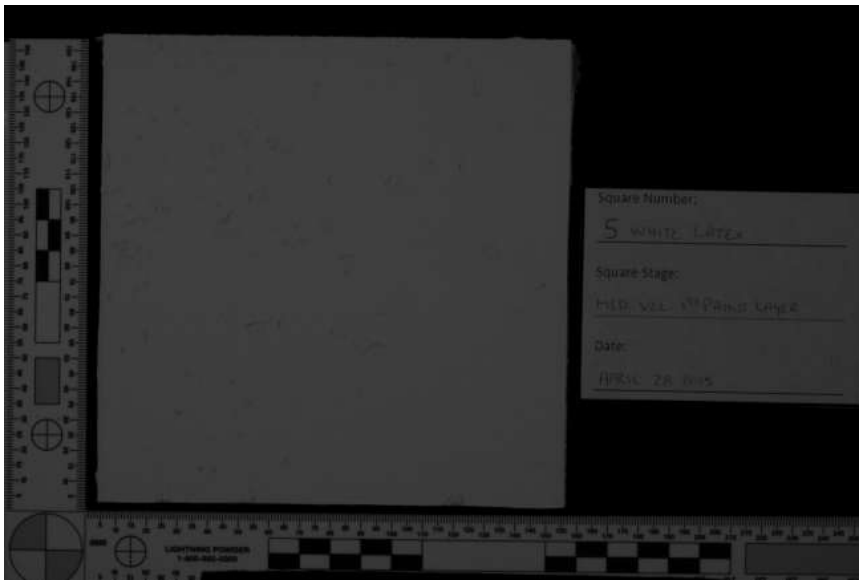
Longpass #87B HDR



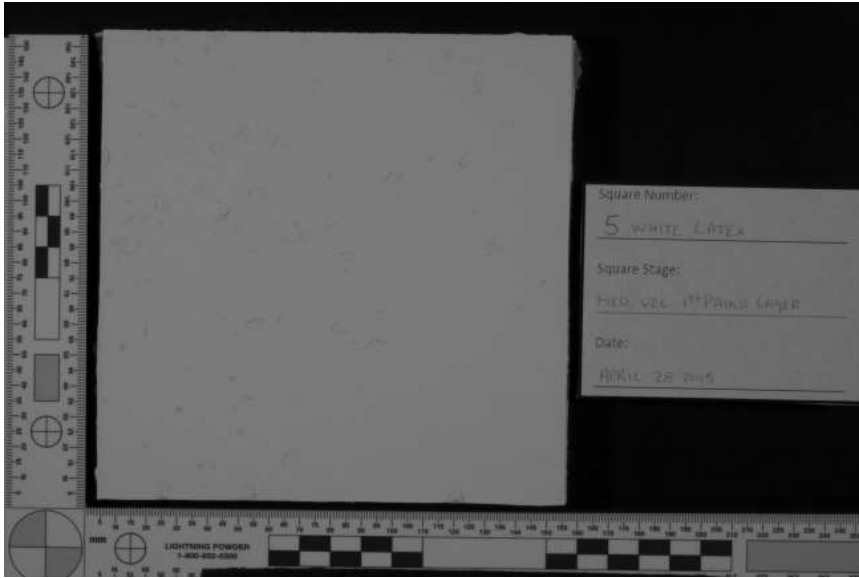
Longpass #87B Single



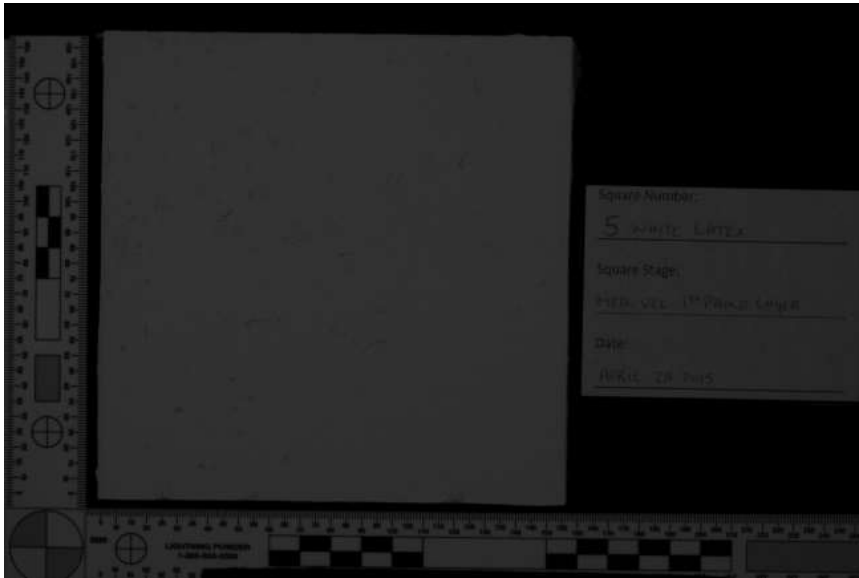
Longpass #88A HDR



Longpass #88A Single

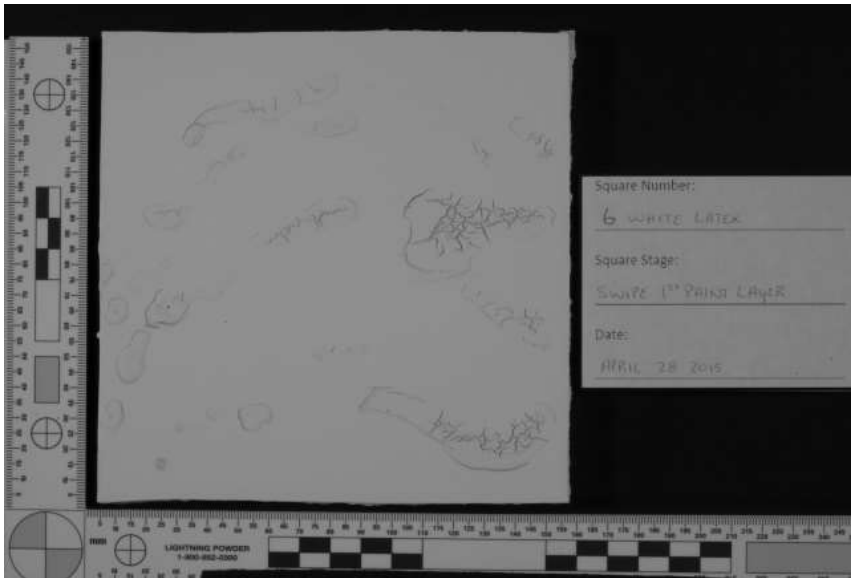


Longpass #89B HDR

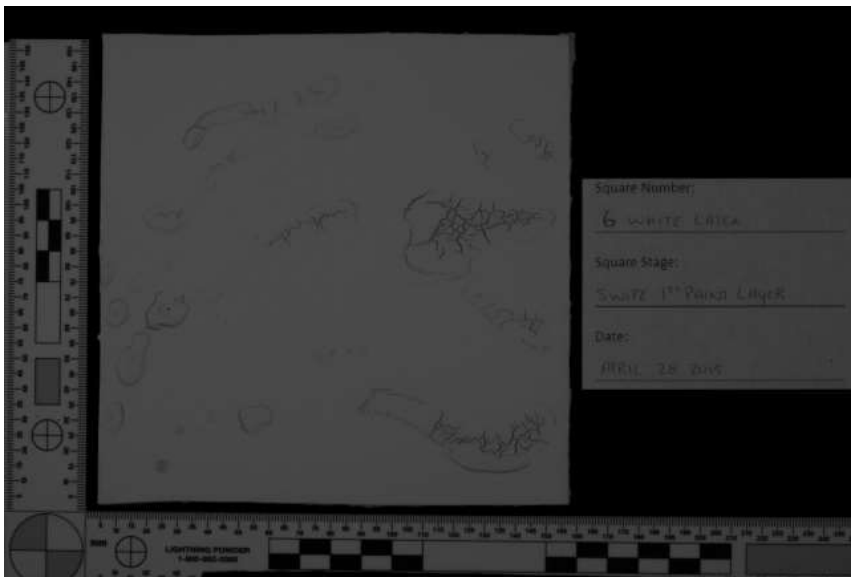


Longpass #89B Single

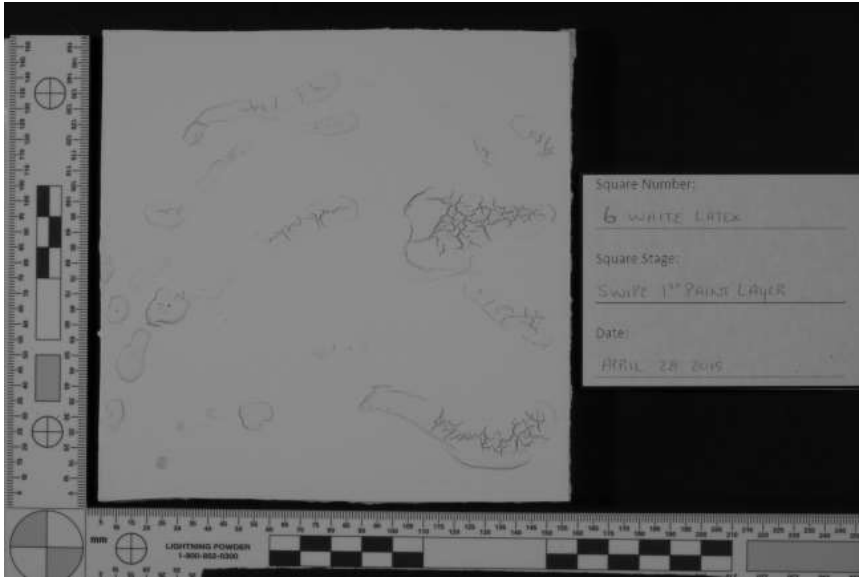
White Latex 6 – Swipe



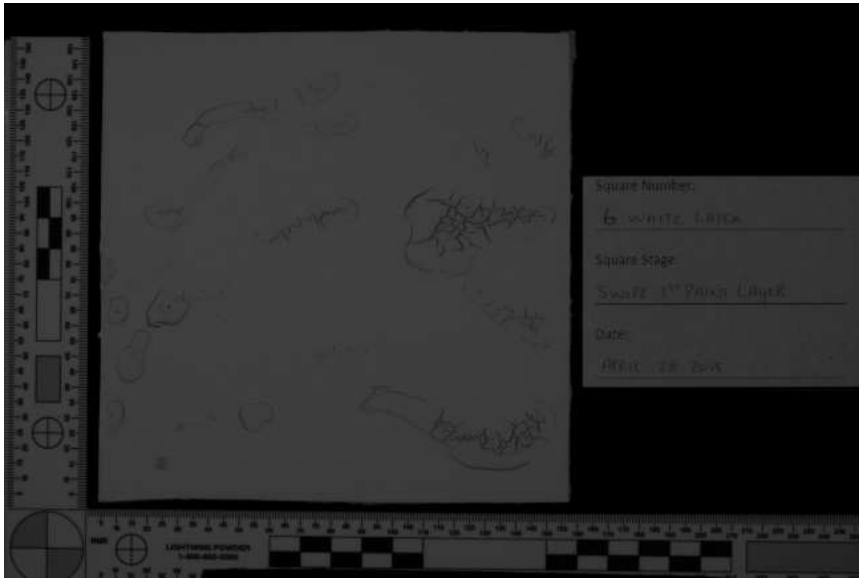
Longpass #70 HDR



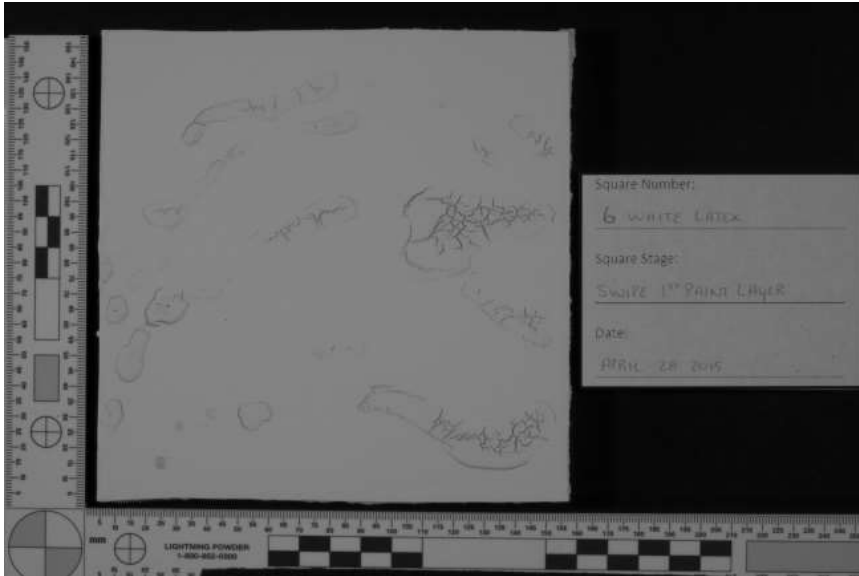
Longpass #70 Single



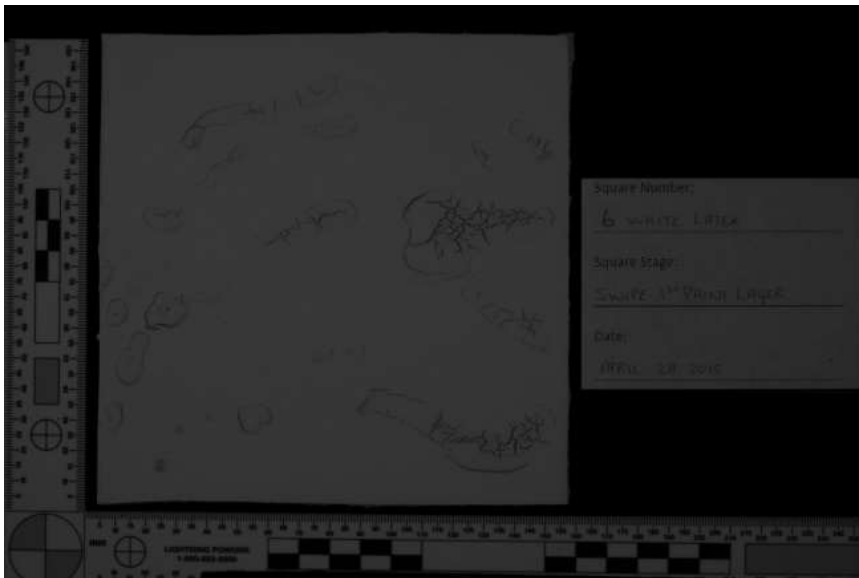
Longpass #87 HDR



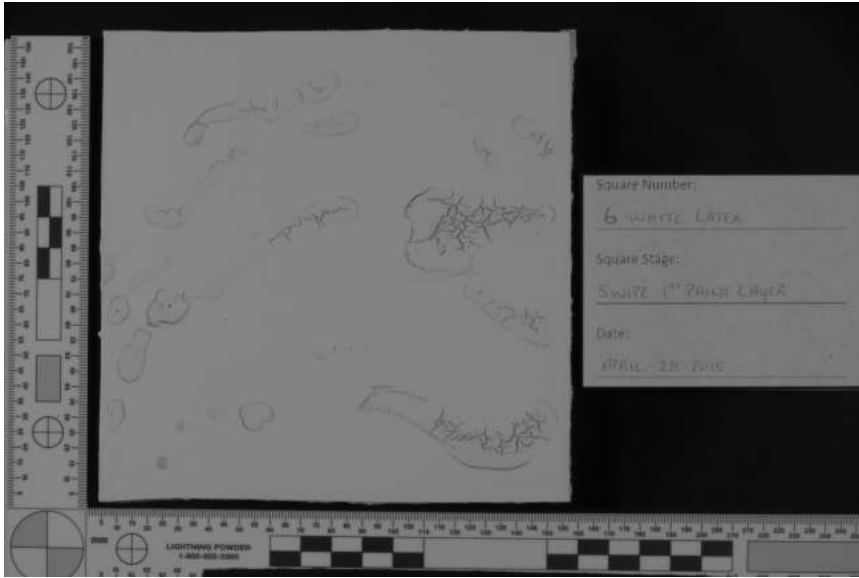
Longpass #87 Single



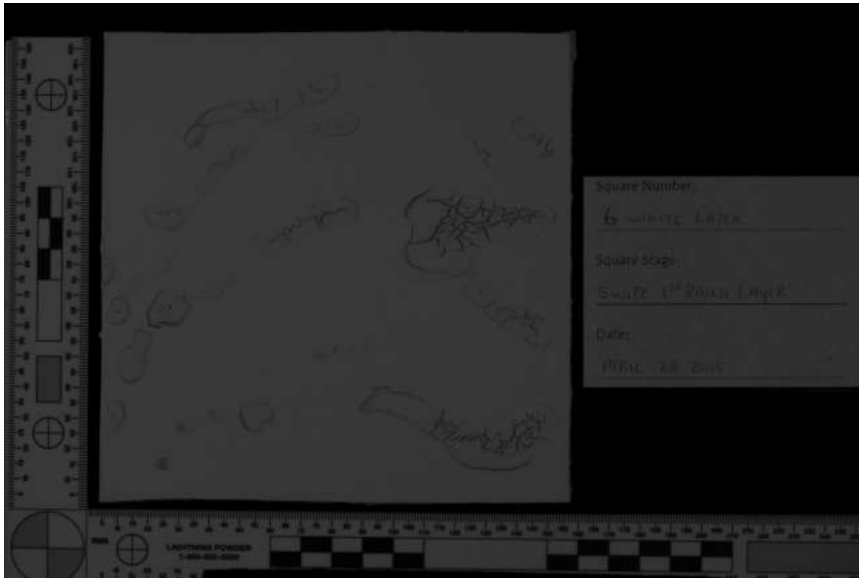
Longpass #87A HDR



Longpass #87A Single

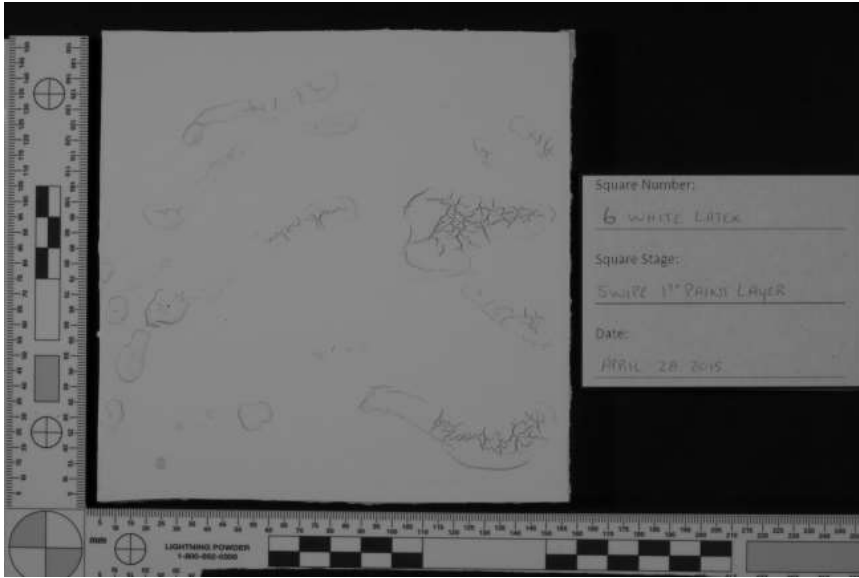


Longpass #87B HDR

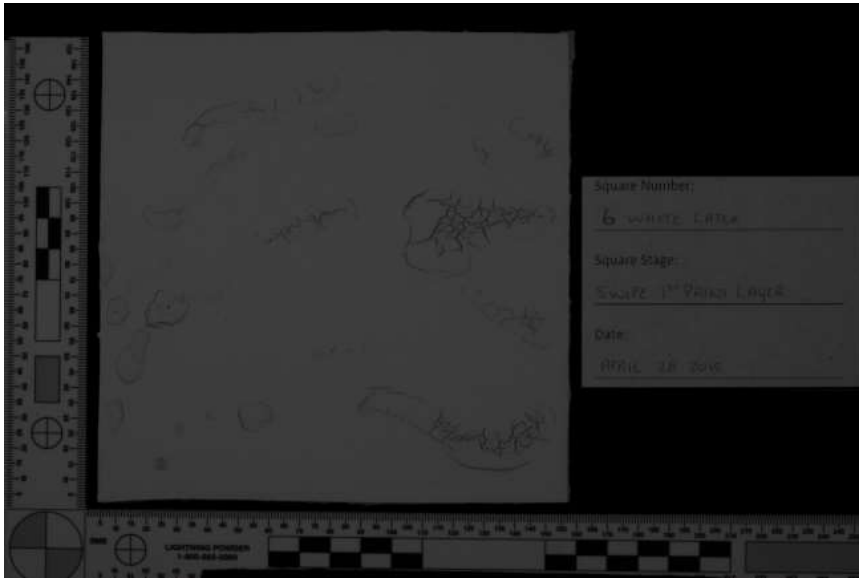


Longpass #87B Single

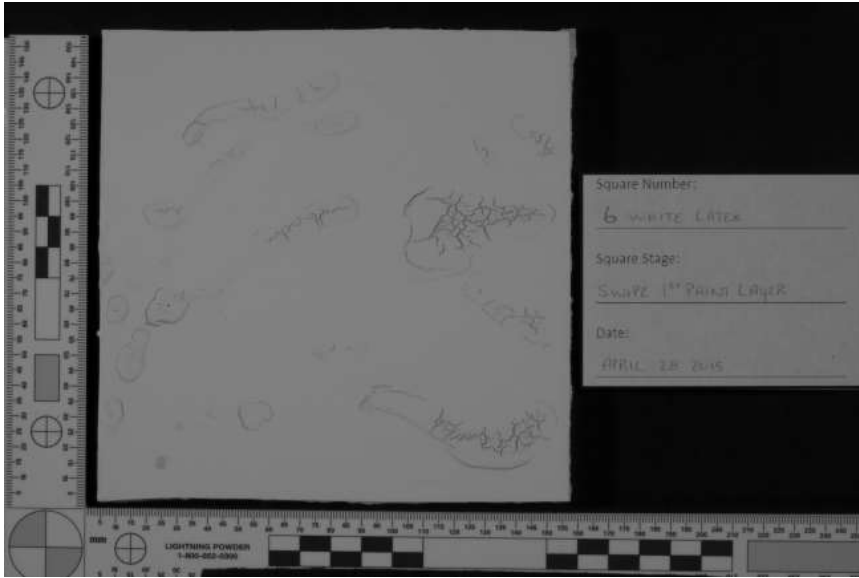




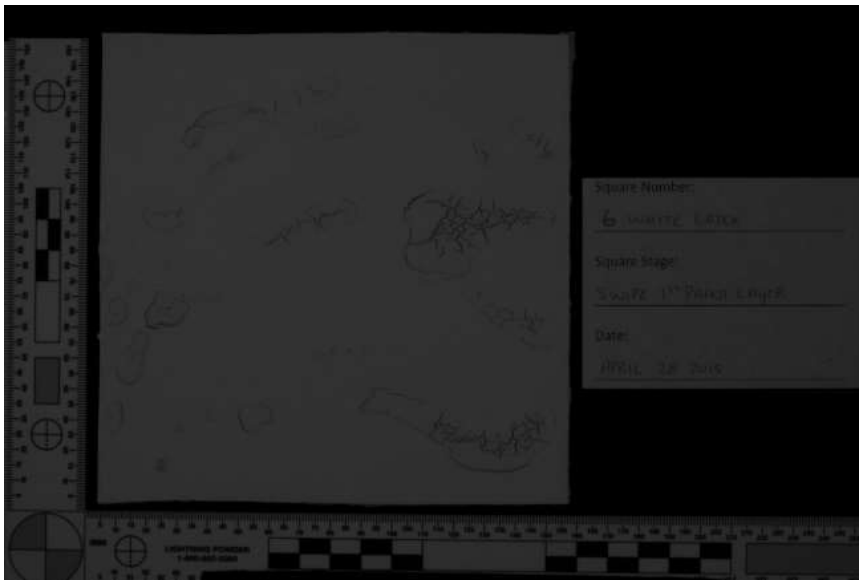
Longpass #88A HDR



Longpass #88A Single

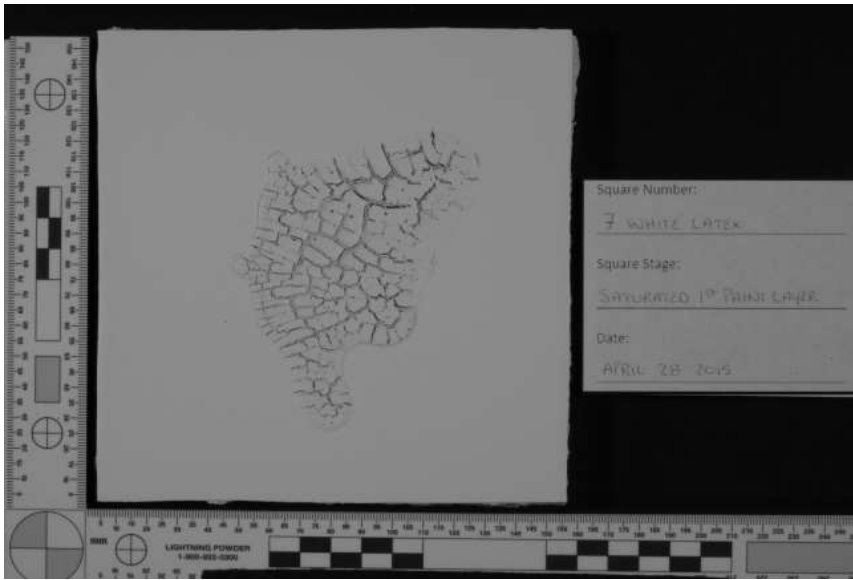


Longpass #89B HDR

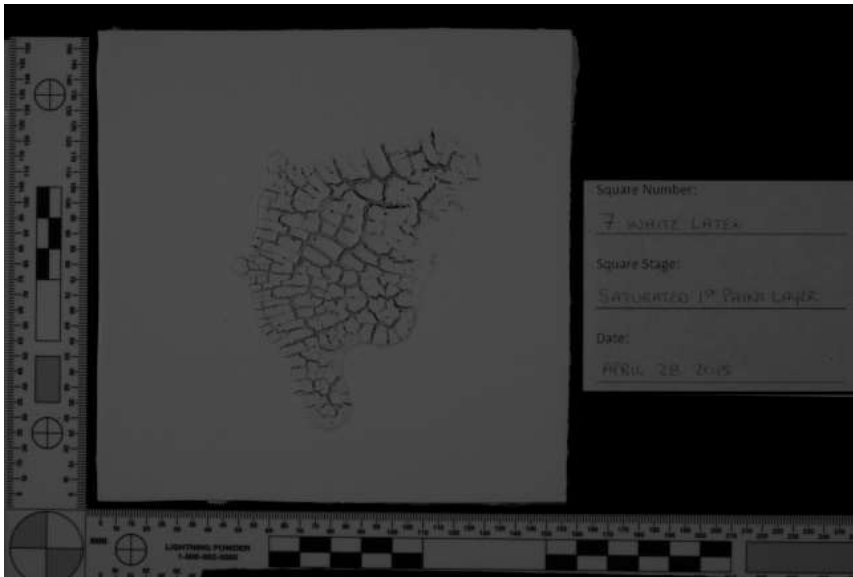


Longpass #89B Single

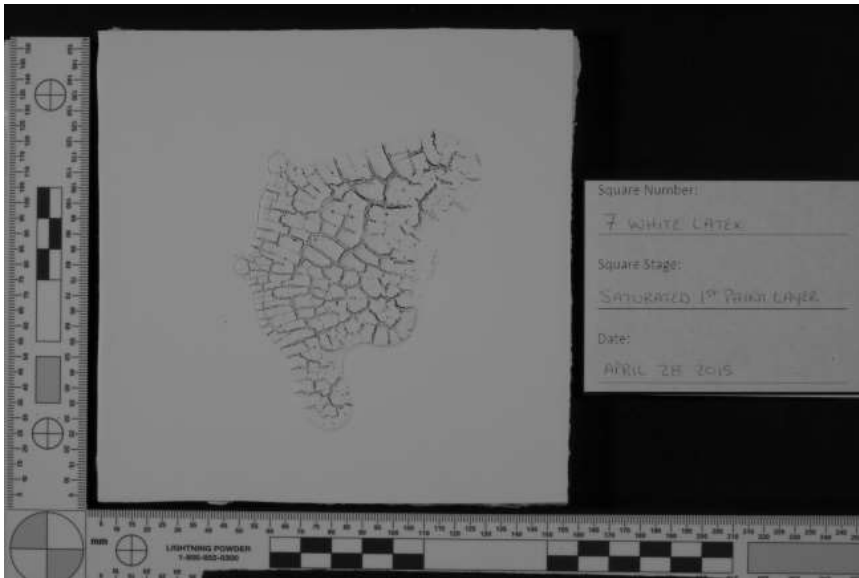
White Latex 7 – Saturated



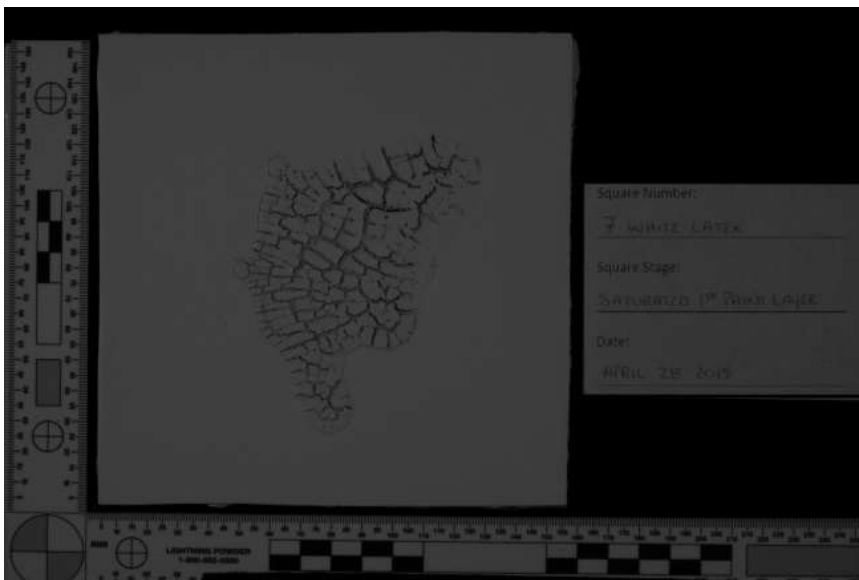
Longpass #70 HDR



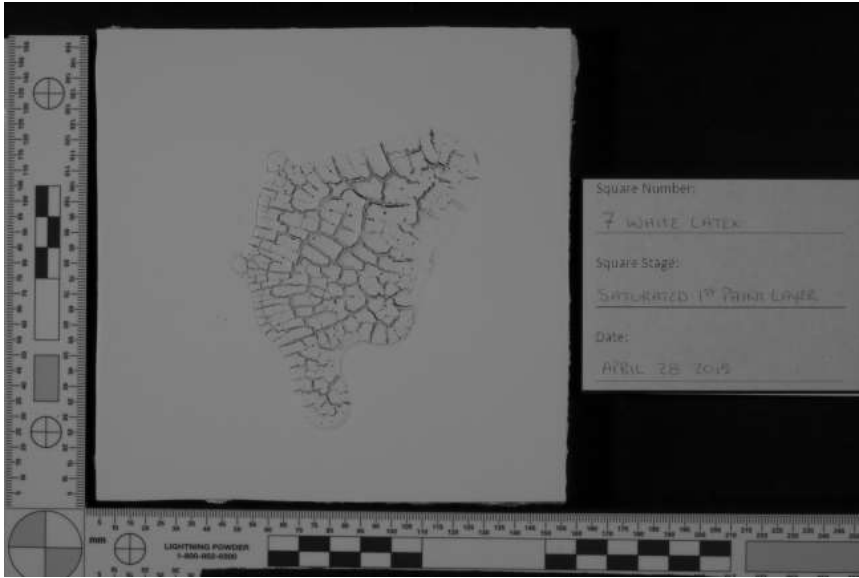
Longpass #70 Single



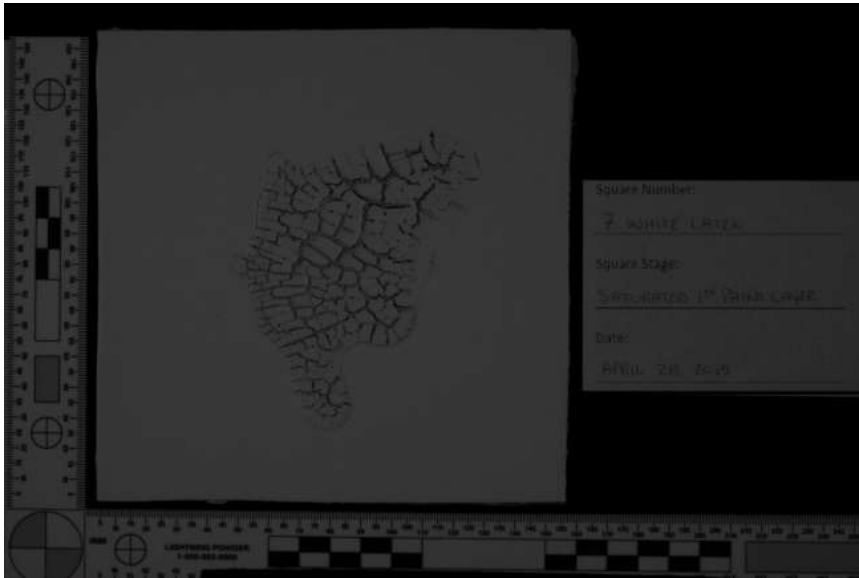
Longpass #87 HDR



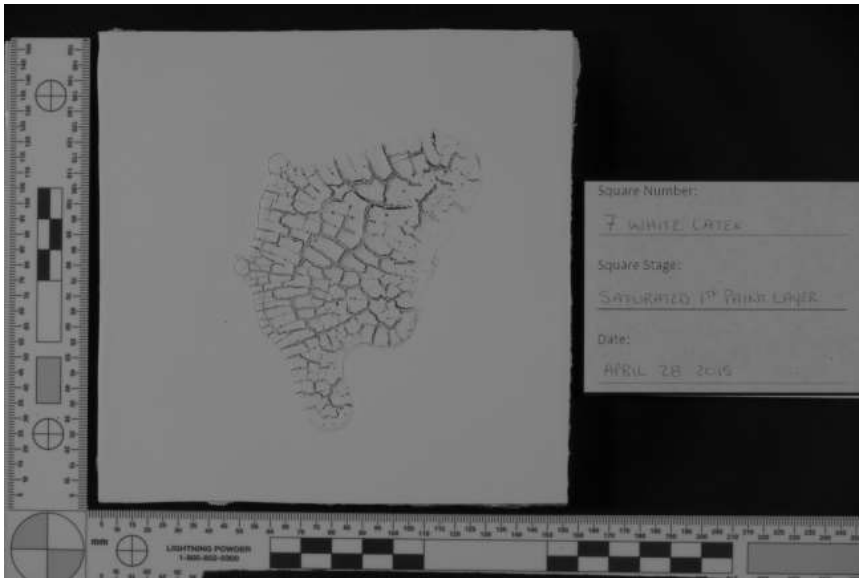
Longpass #87 Single



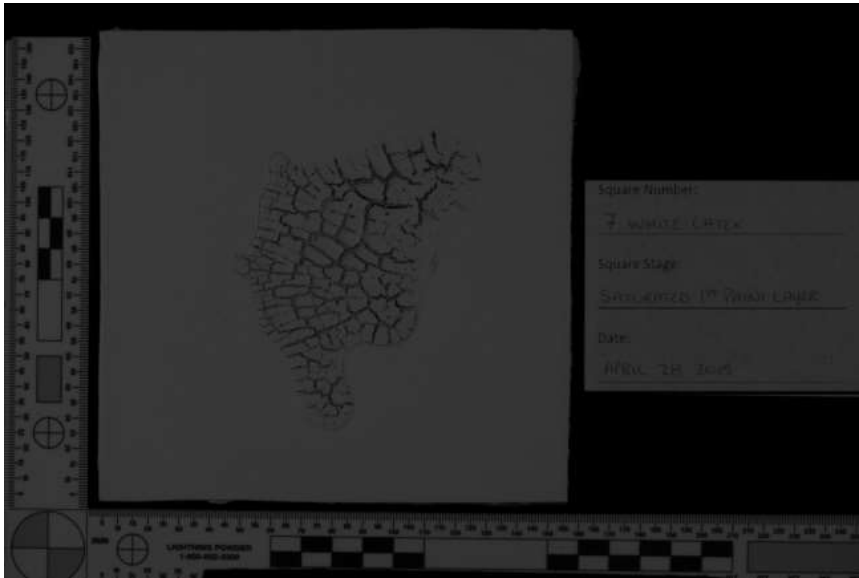
Longpass #87A HDR



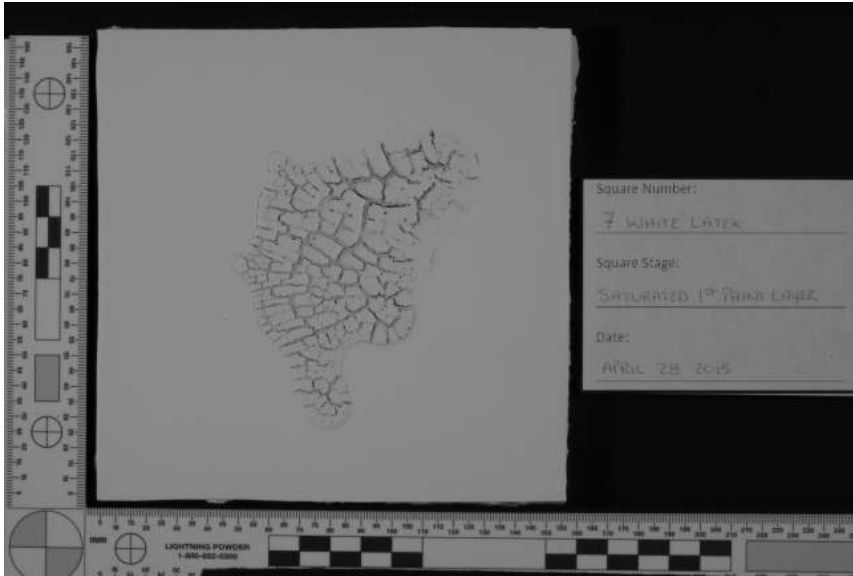
Longpass #87A Single



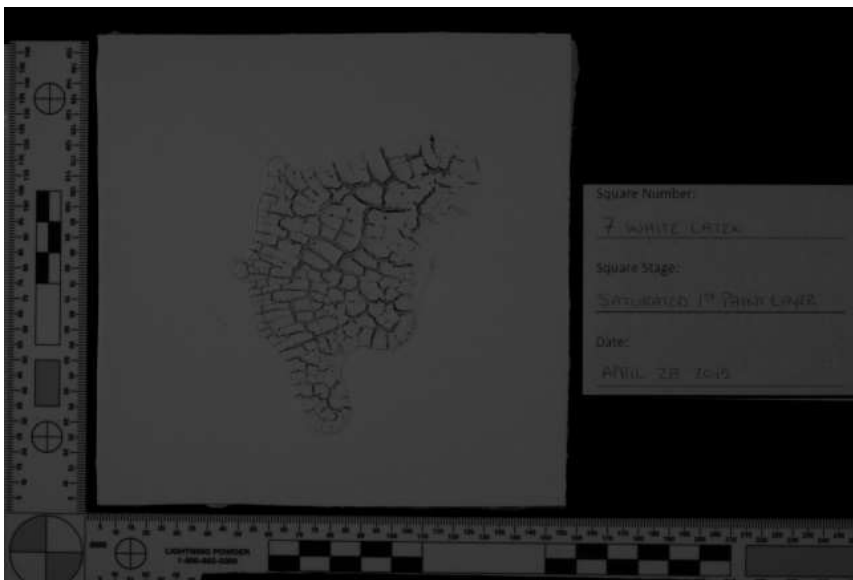
Longpass #87B HDR



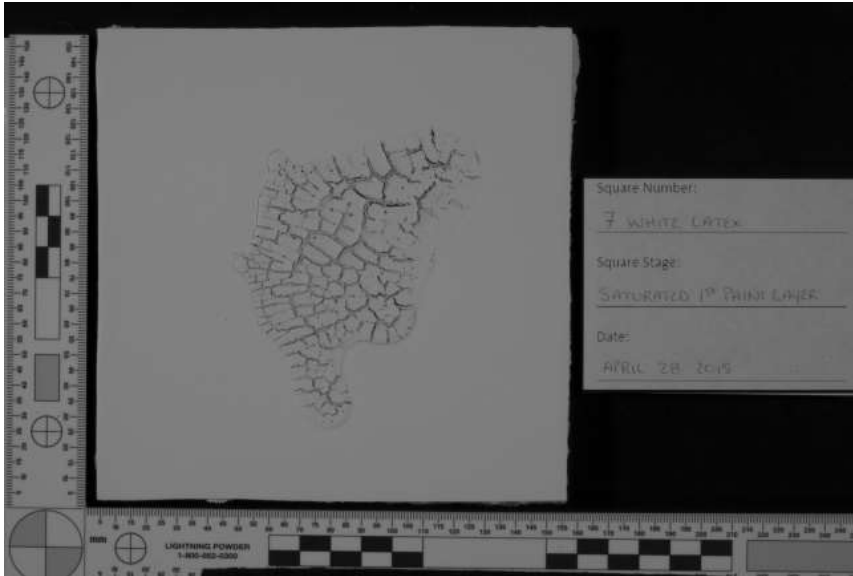
Longpass #87B Single



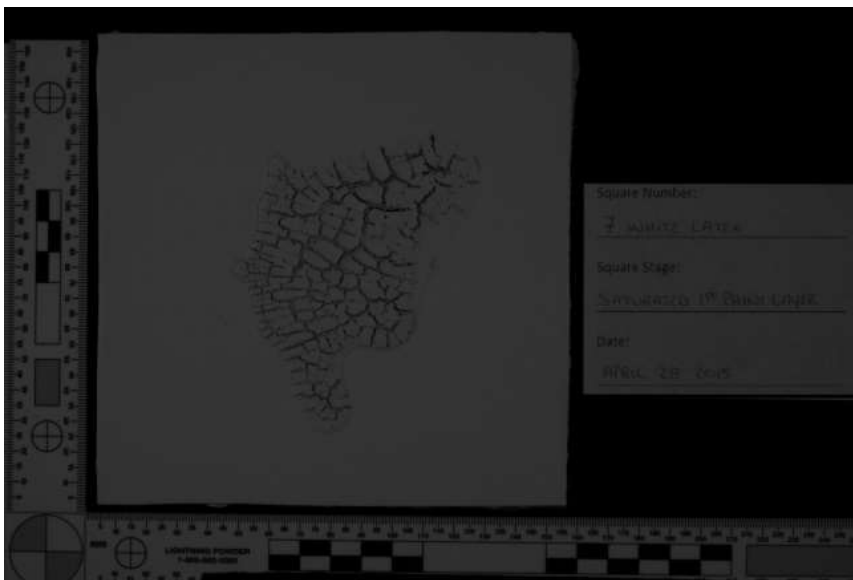
Longpass #88A HDR



Longpass #88A Single



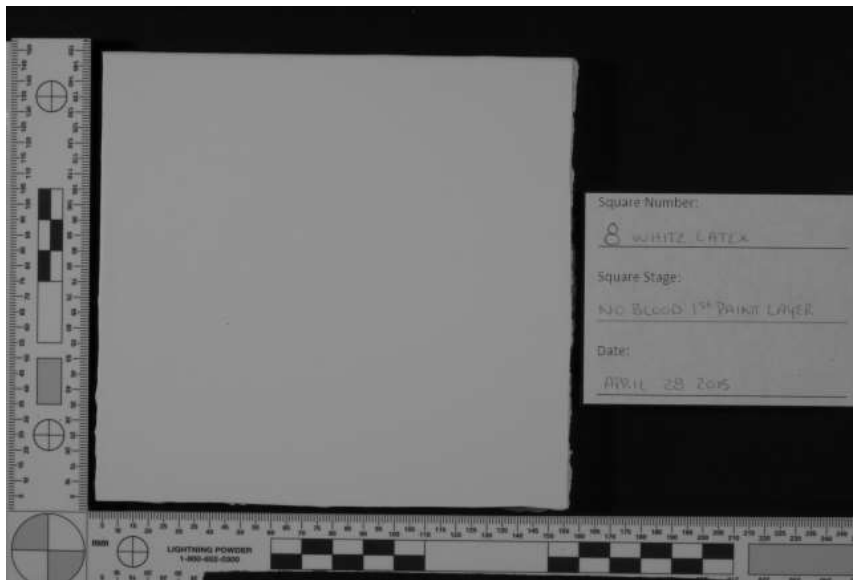
Longpass #89B HDR



Longpass #89B Single

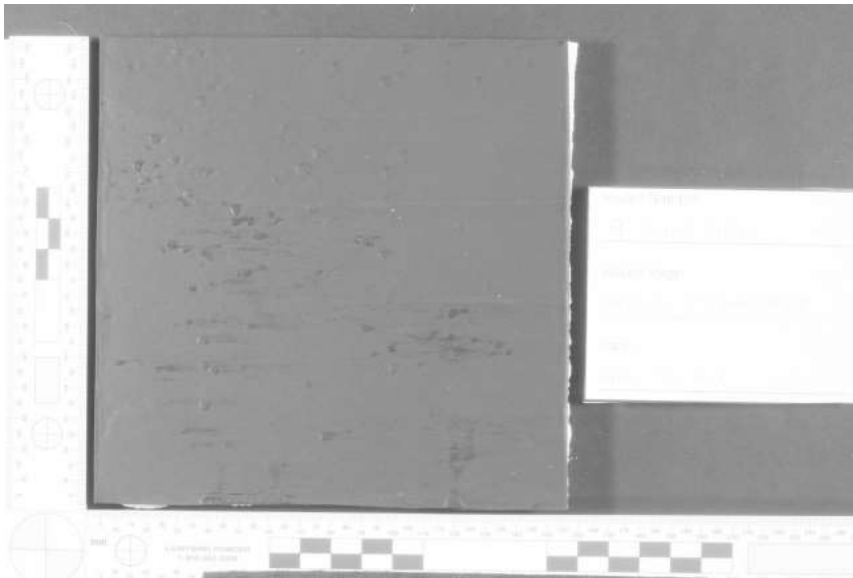


White Latex 8 – Control No Bloodstain

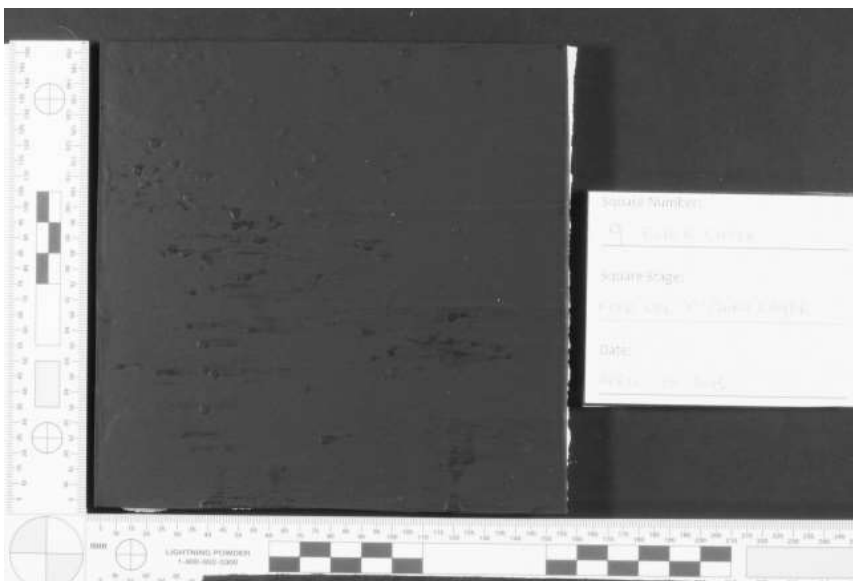


Longpass #70 HDR

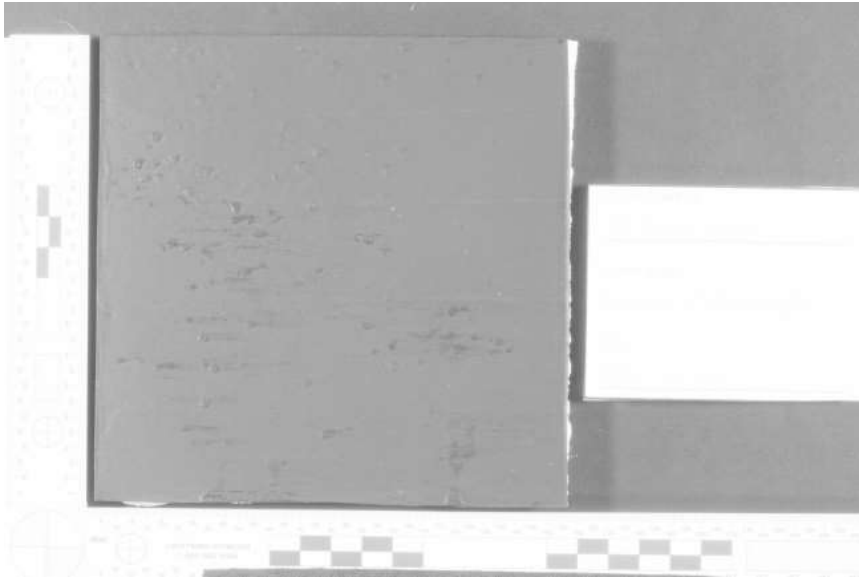
Appendix 4.2.3.3. Black Latex 70, 87, 87A, 87B, 88A, 89B First layer of paint stage  
Black Latex 9 – Medium Velocity



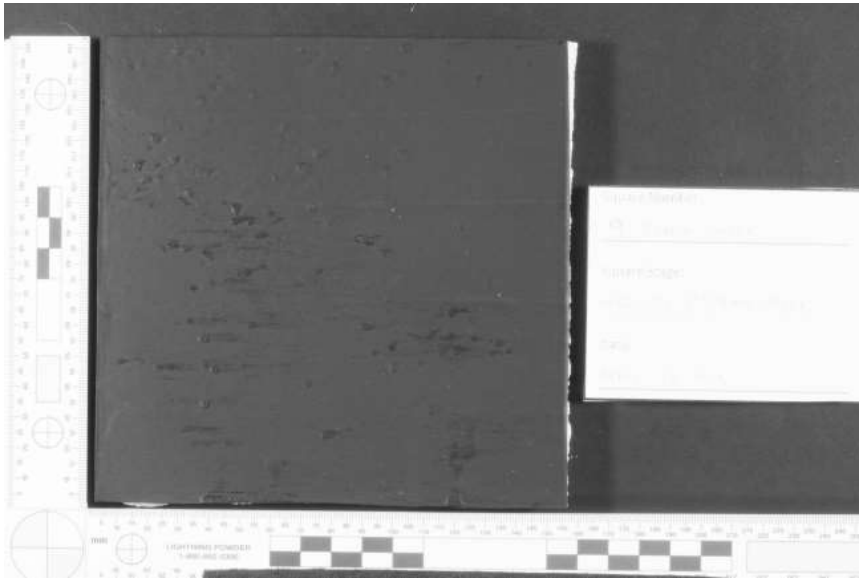
Longpass #70 HDR



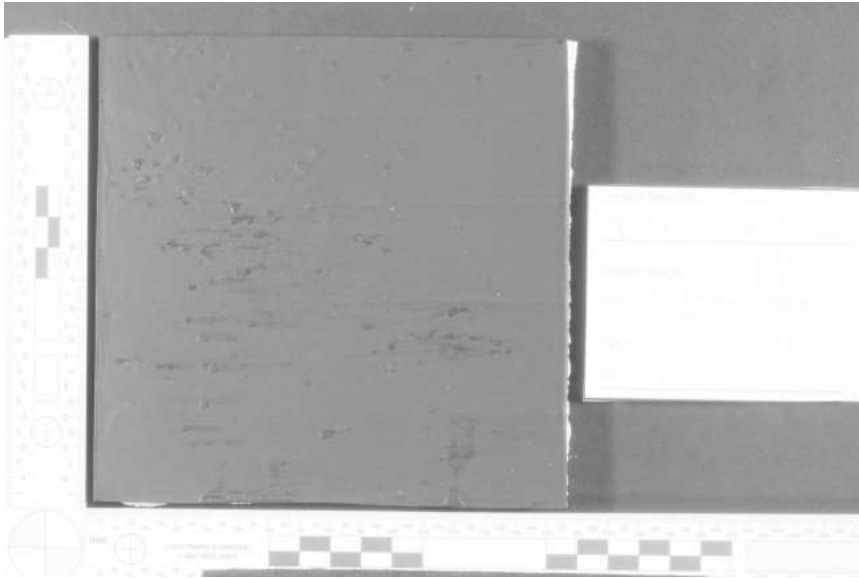
Longpass #70 Single



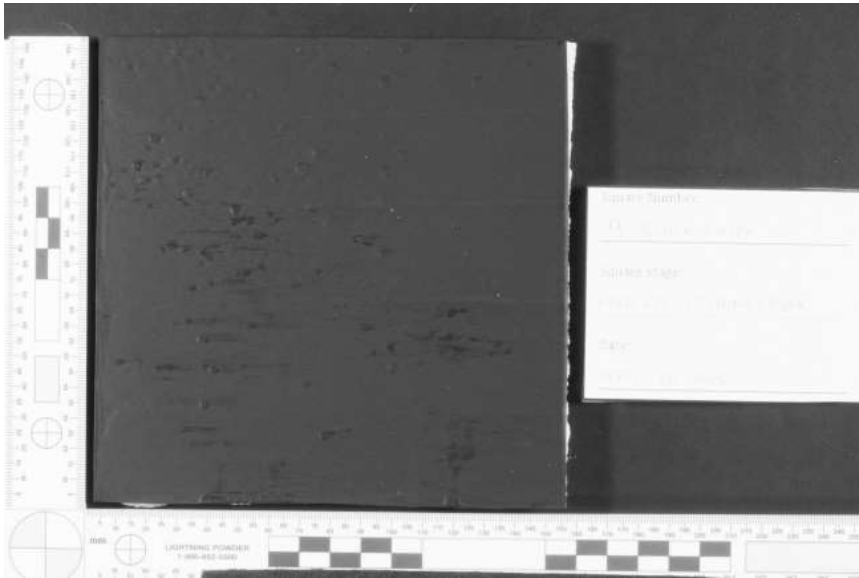
Longpass #87 HDR



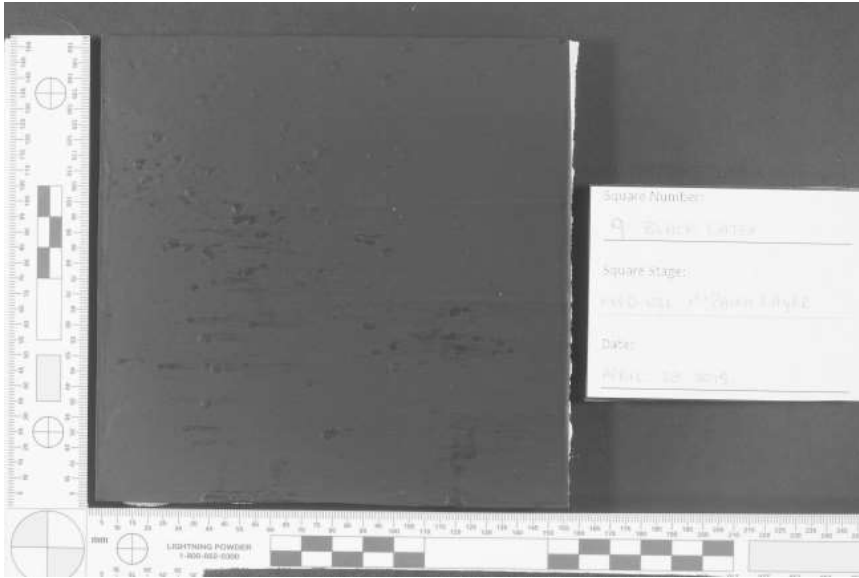
Longpass #87 Single



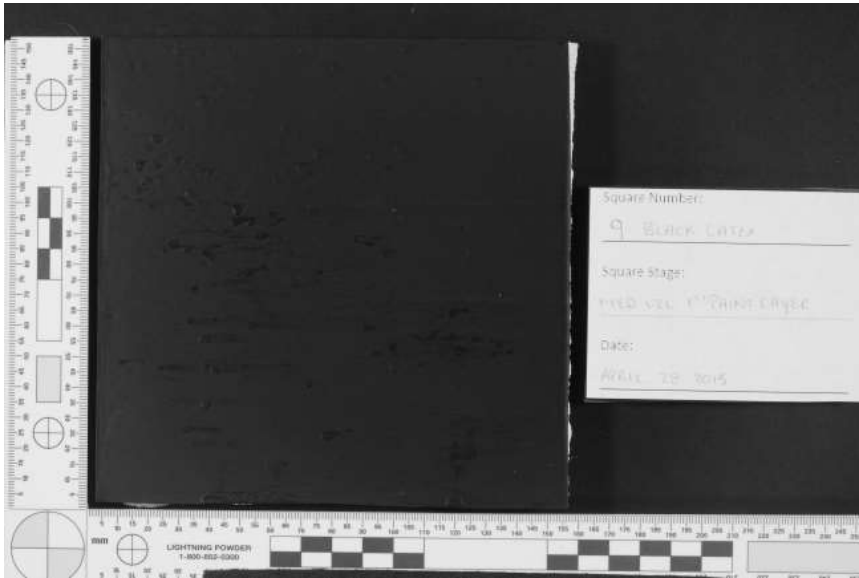
Longpass #87A HDR



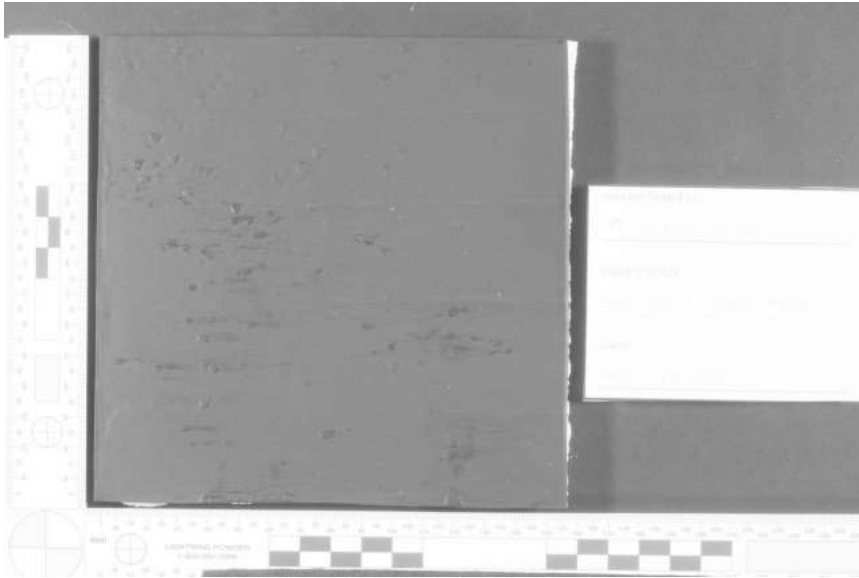
Longpass #87A Single



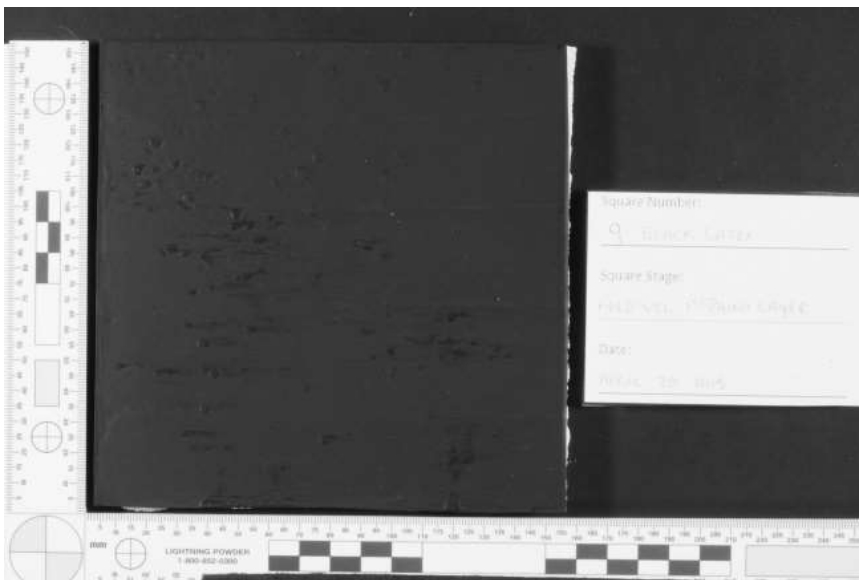
Longpass #87B HDR



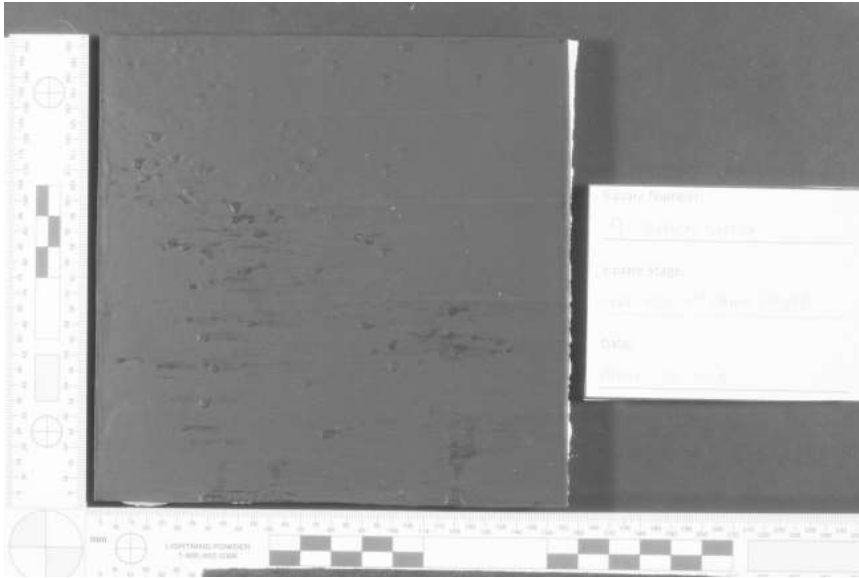
Longpass #87B Single



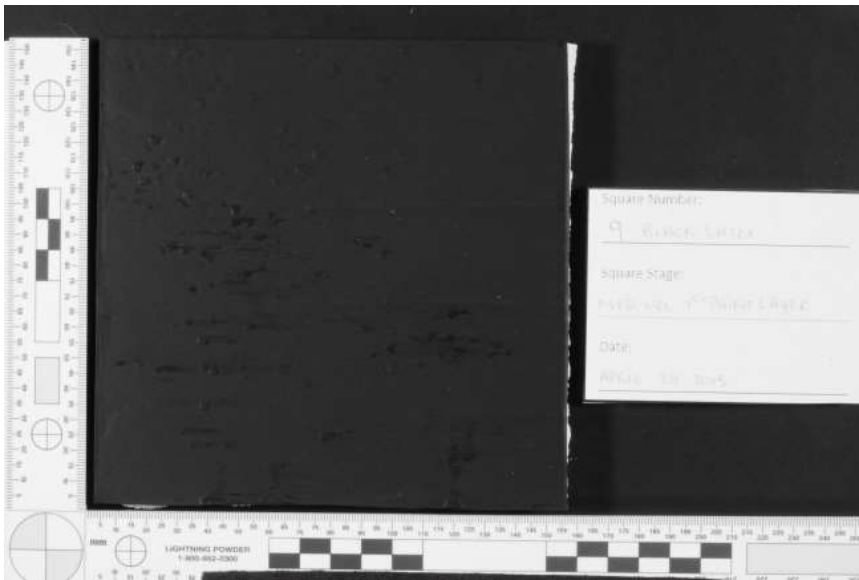
Longpass #88A HDR



Longpass #88A Single

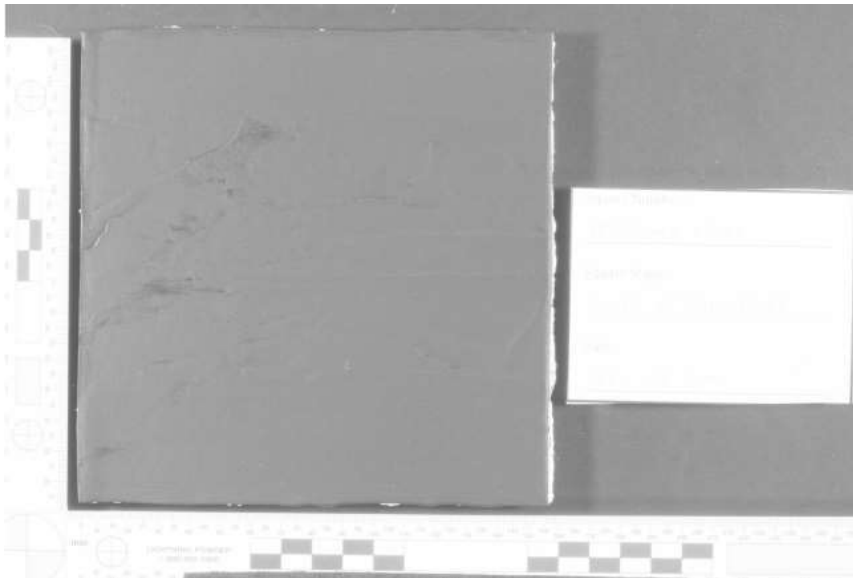


Longpass #89B HDR

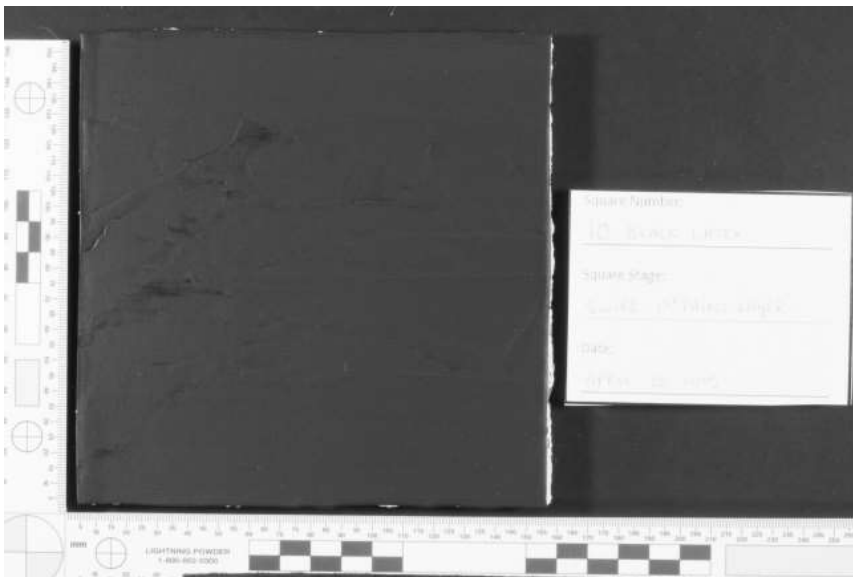


Longpass #89B Single

Black Latex 10 – Swipe

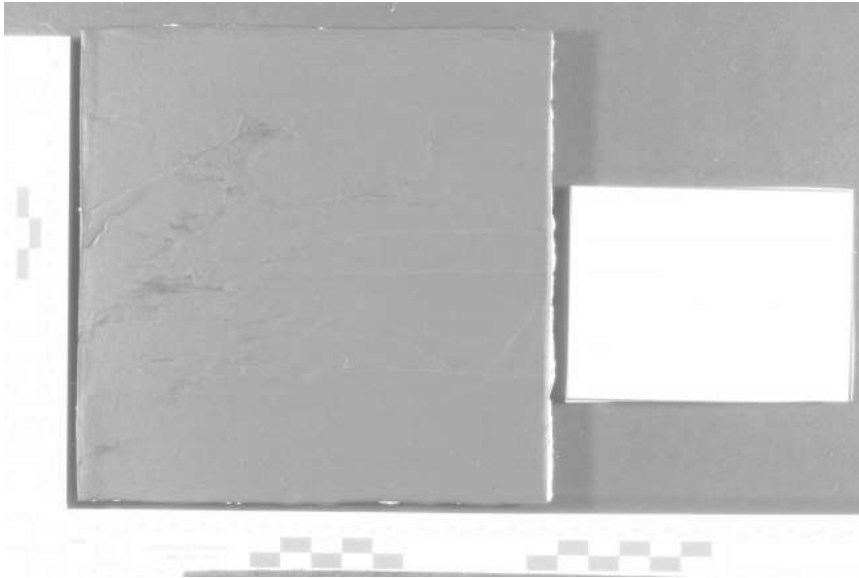


Longpass #70 HDR

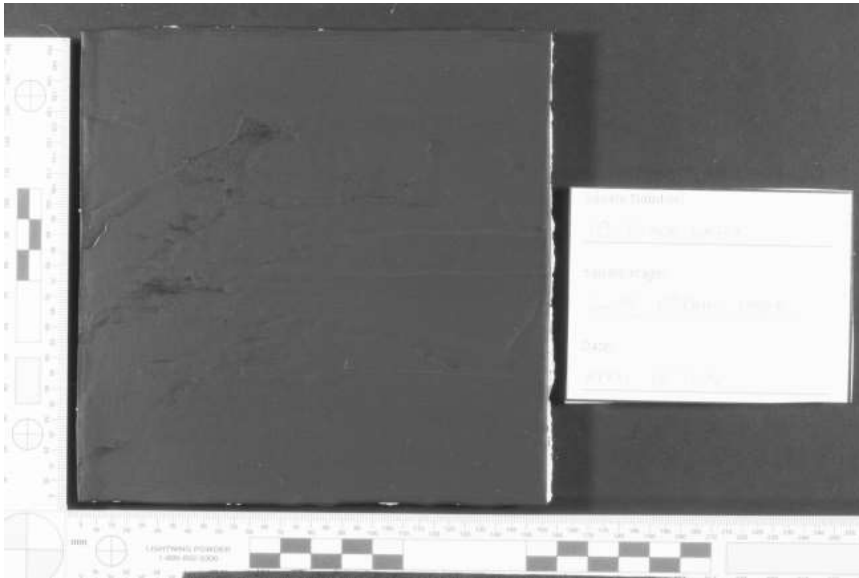


Longpass #70 Single

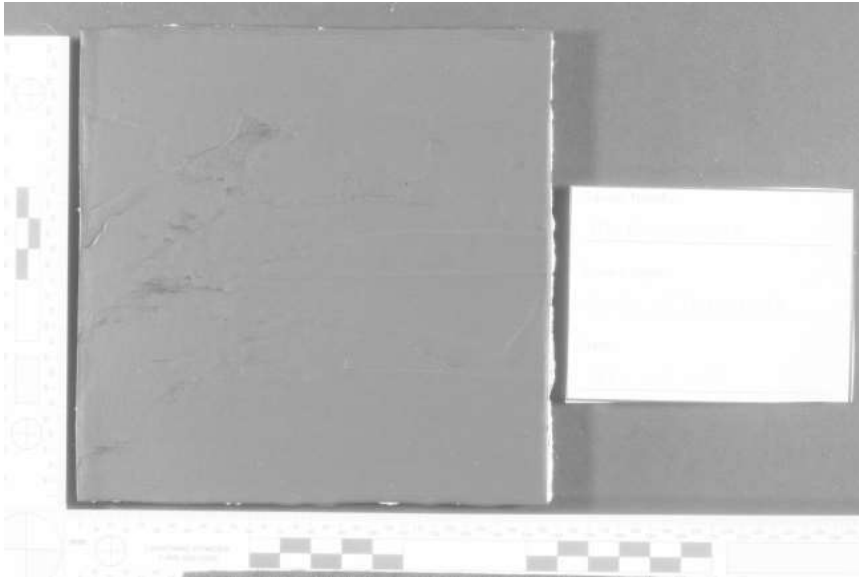




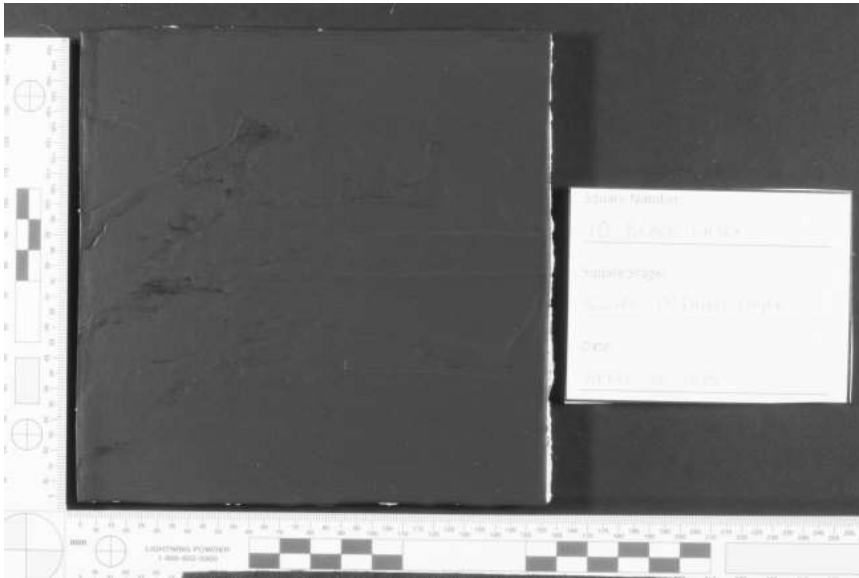
Longpass #87 HDR



Longpass #87 Single



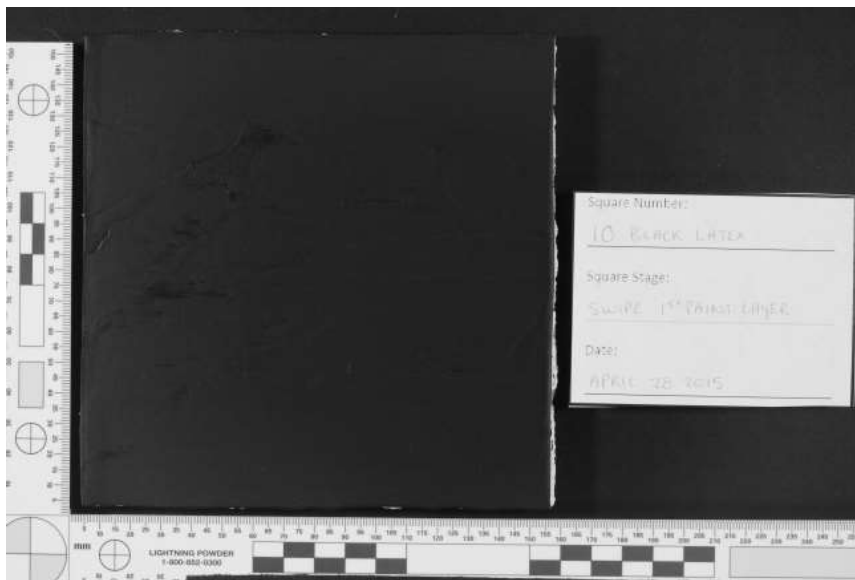
Longpass #87A HDR



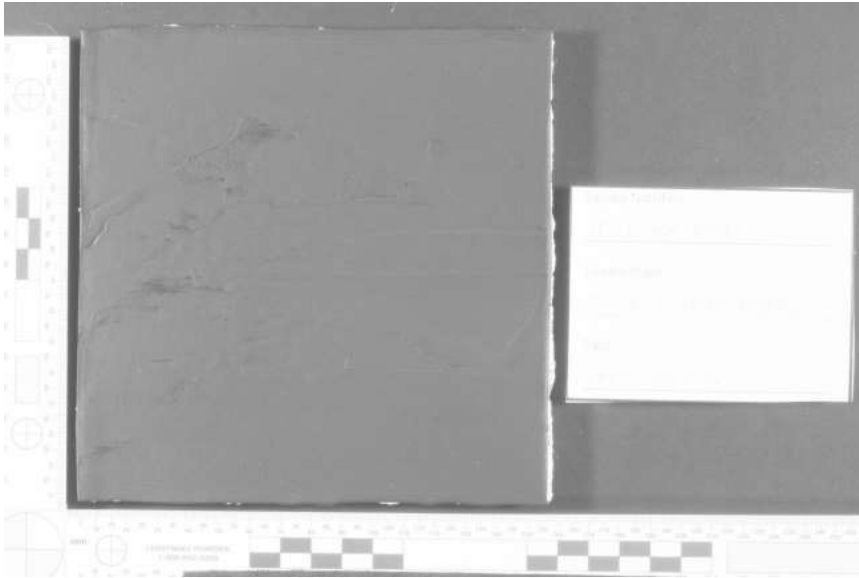
Longpass #87A Single



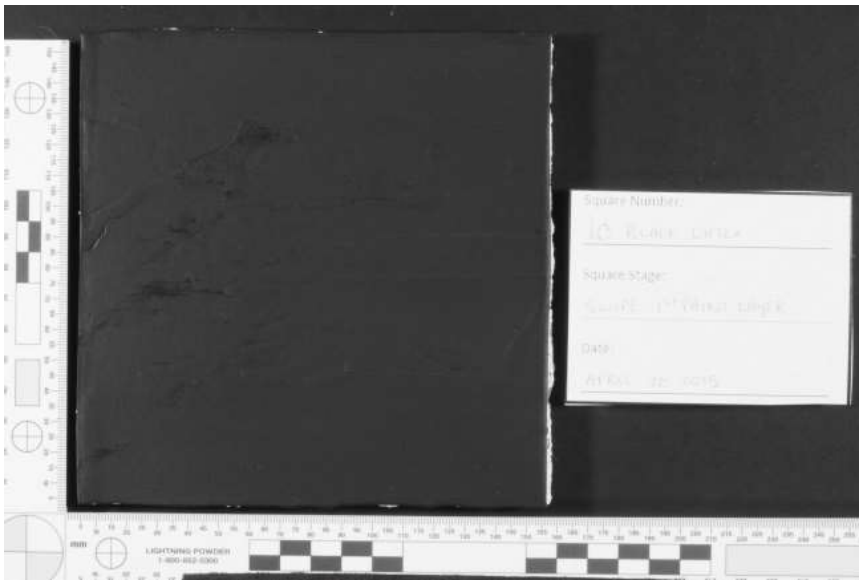
Longpass #87B HDR



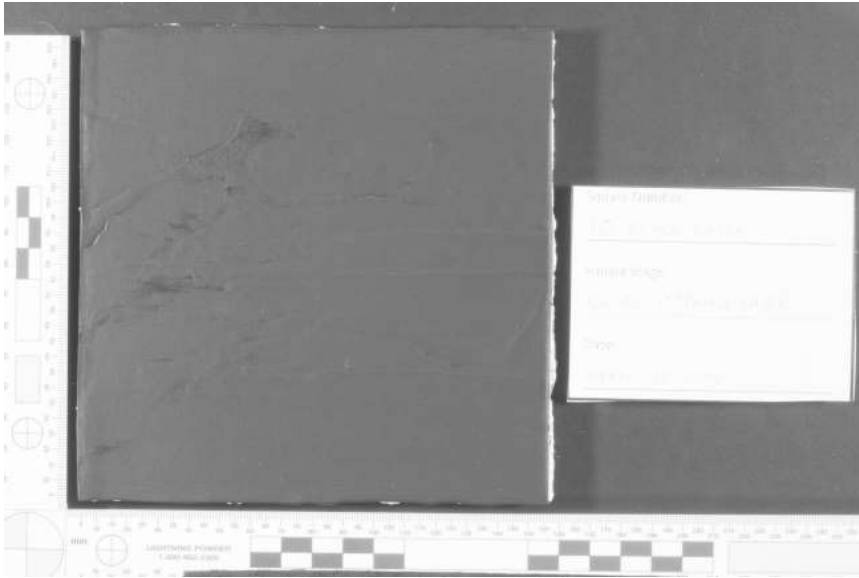
Longpass #87B Single



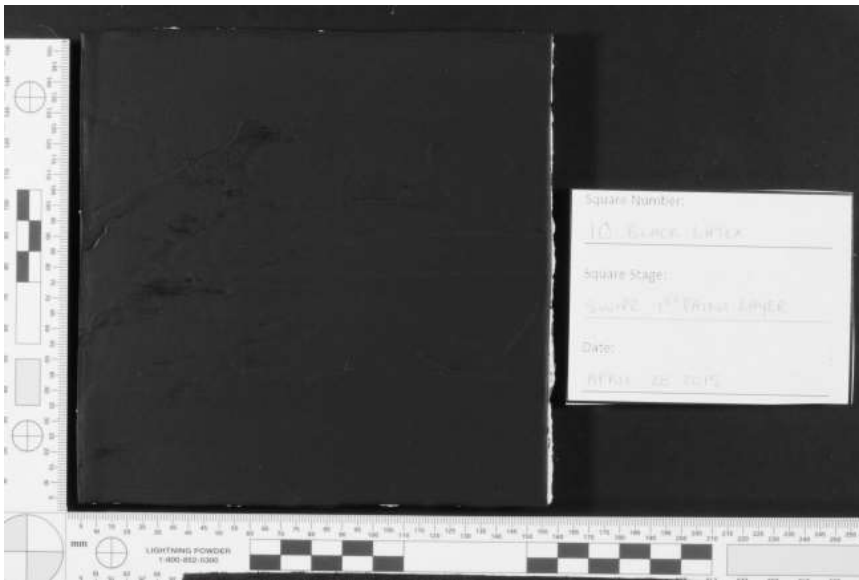
Longpass #88A HDR



Longpass #88A Single

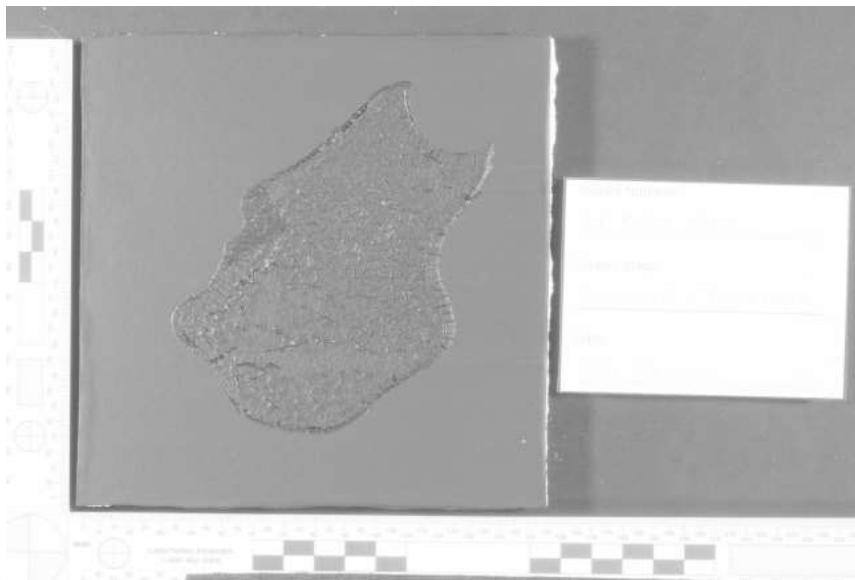


Longpass #89B HDR

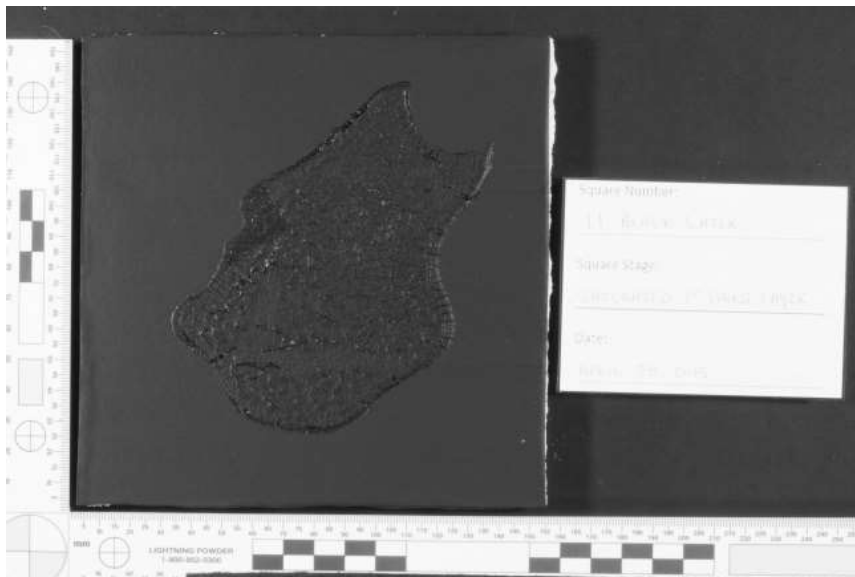


Longpass #89B Single

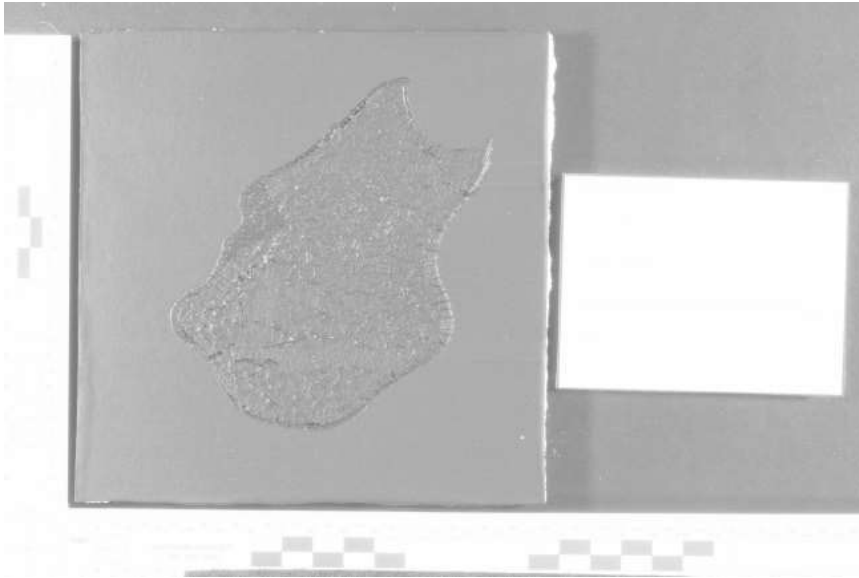
Black Latex 11 – Saturated



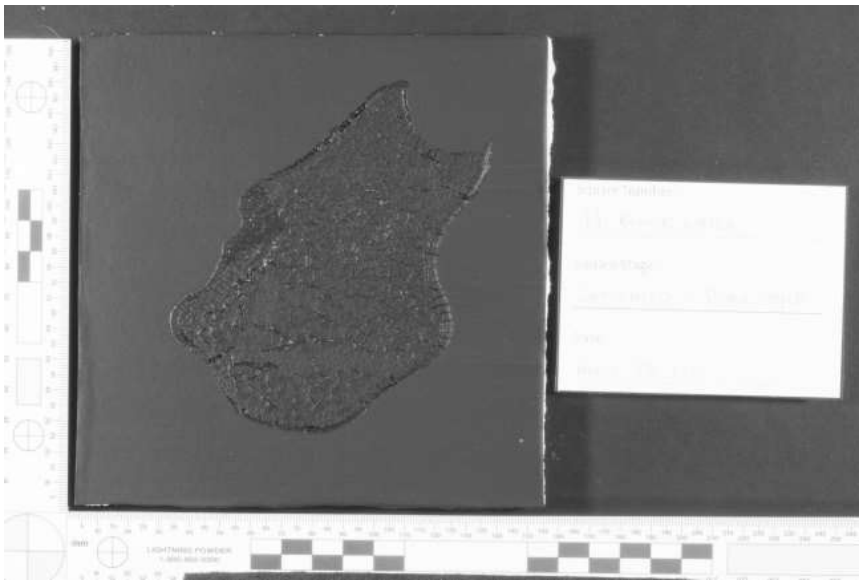
Longpass #70 HDR



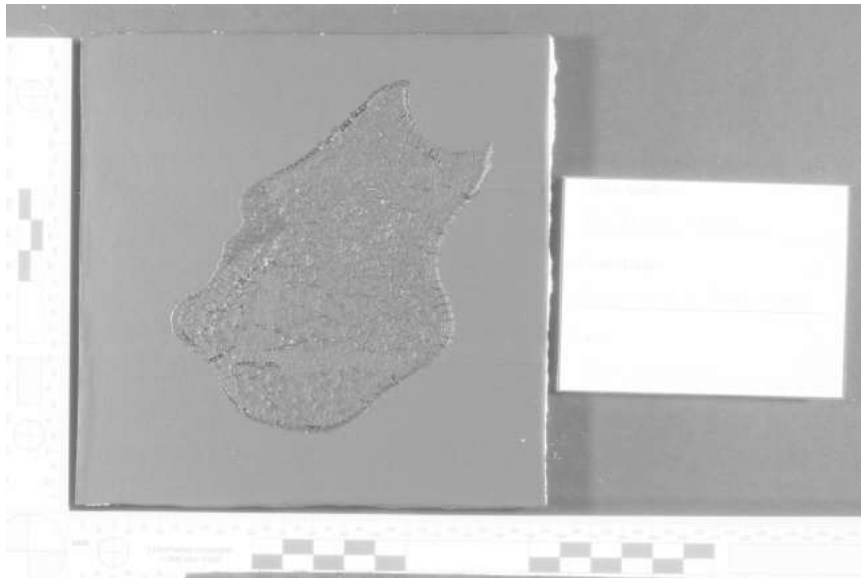
Longpass #70 Single



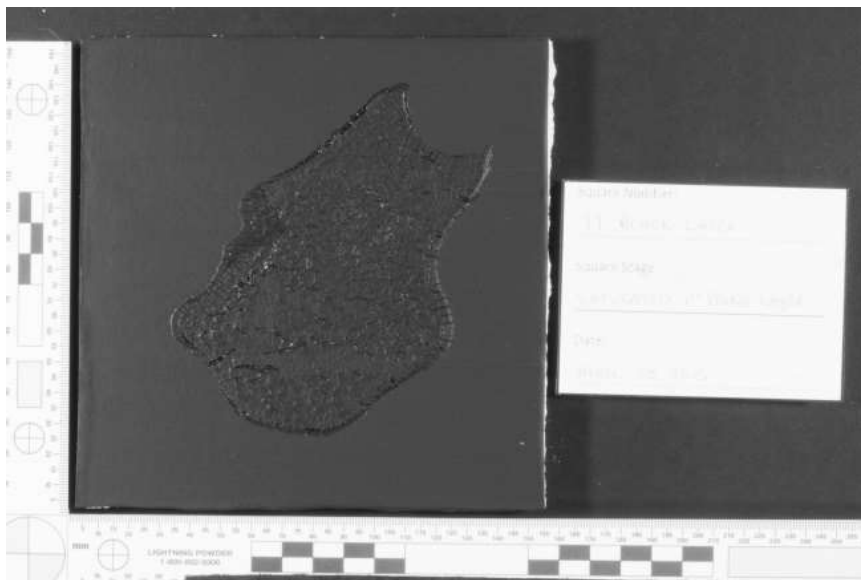
Longpass #87 HDR



Longpass #87 Single

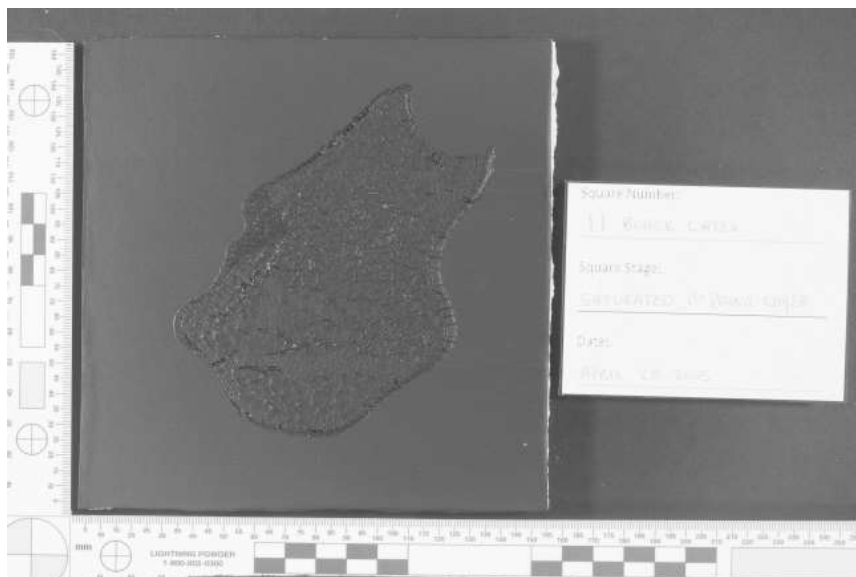


Longpass #87A HDR

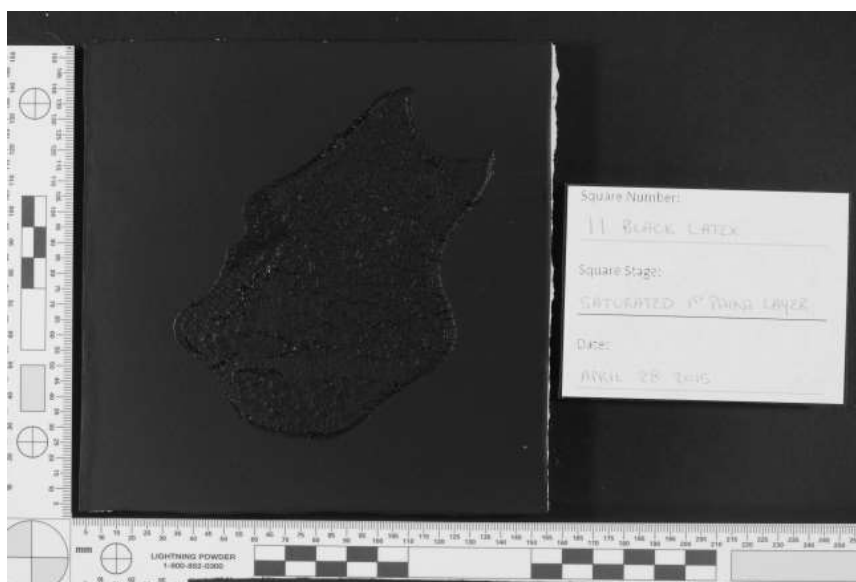


Longpass #87A Single

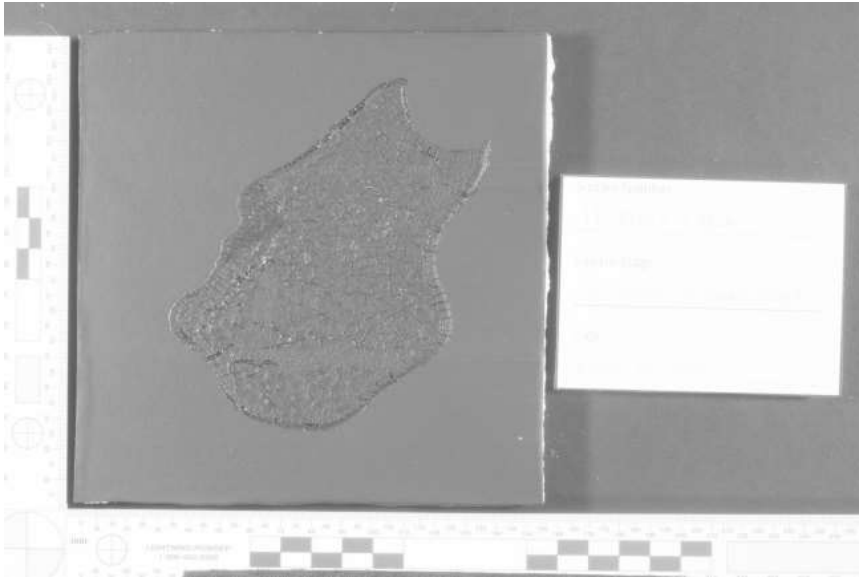




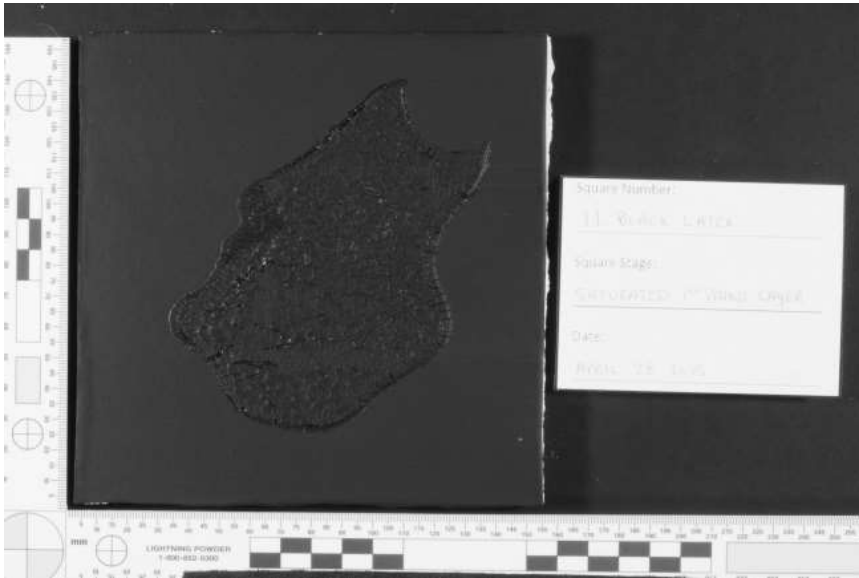
Longpass #87B HDR



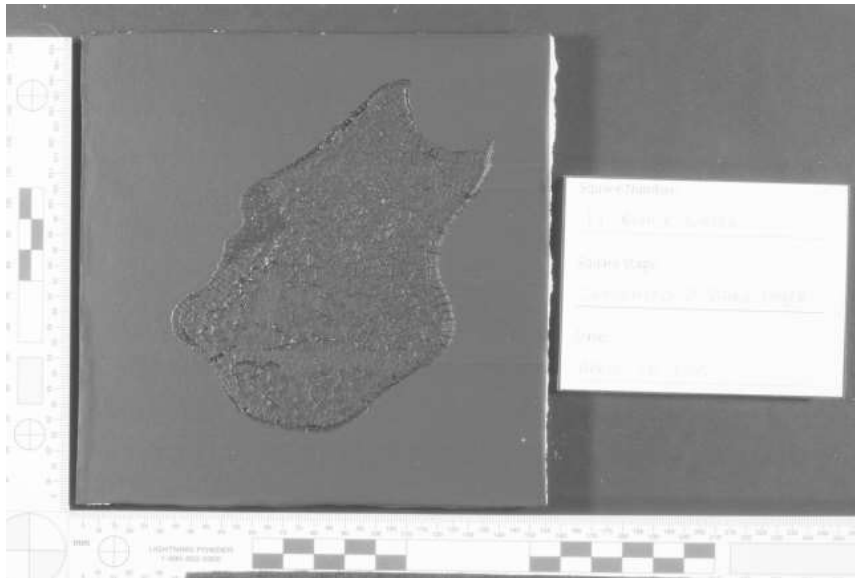
Longpass #87B Single



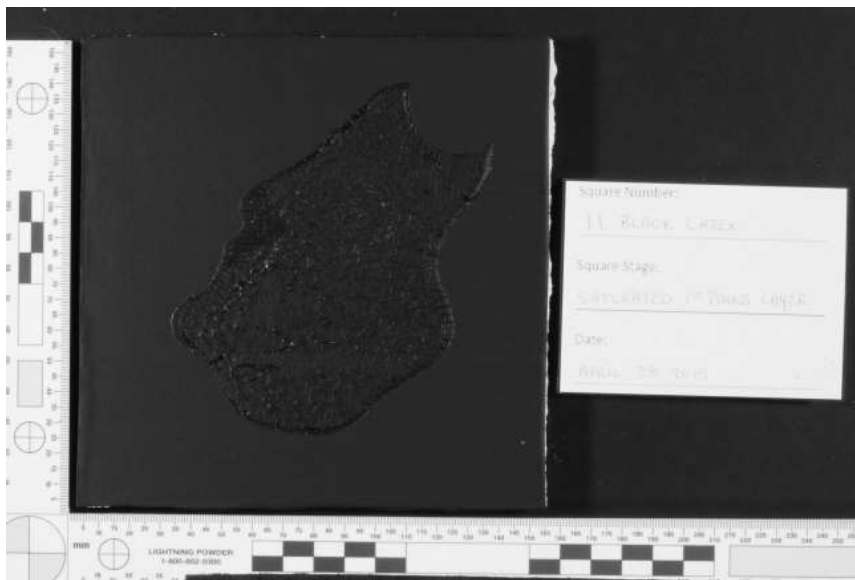
Longpass #88A HDR



Longpass #88A Single

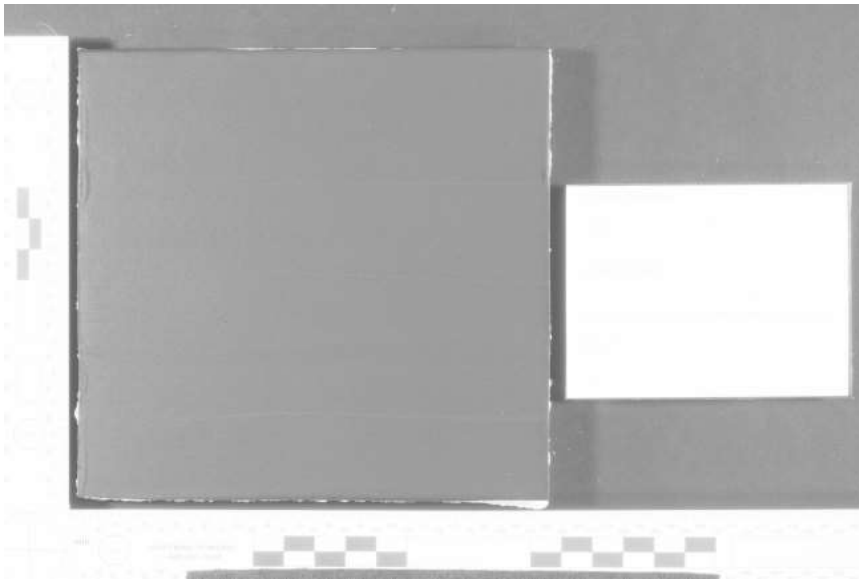


Longpass #89B HDR



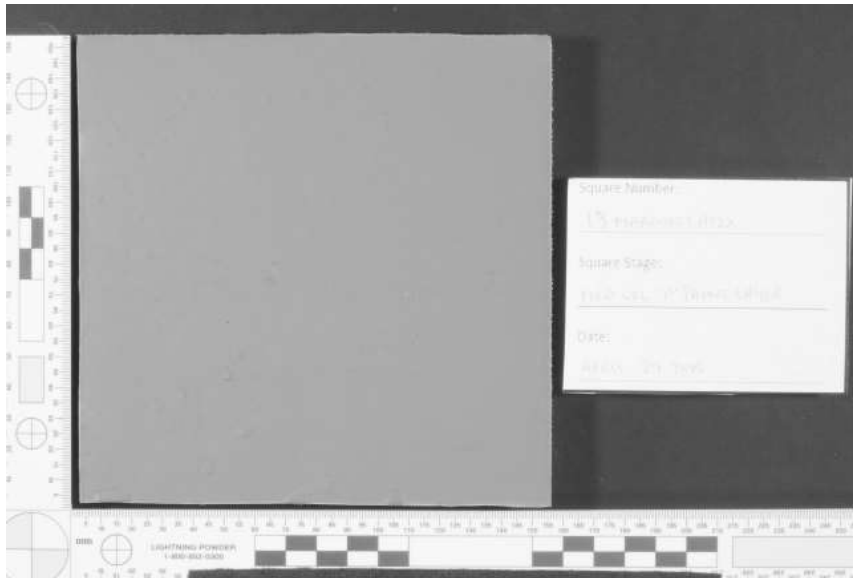
Longpass #89B Single

Black Latex 12 – Control No Bloodstain



Longpass #70 HDR

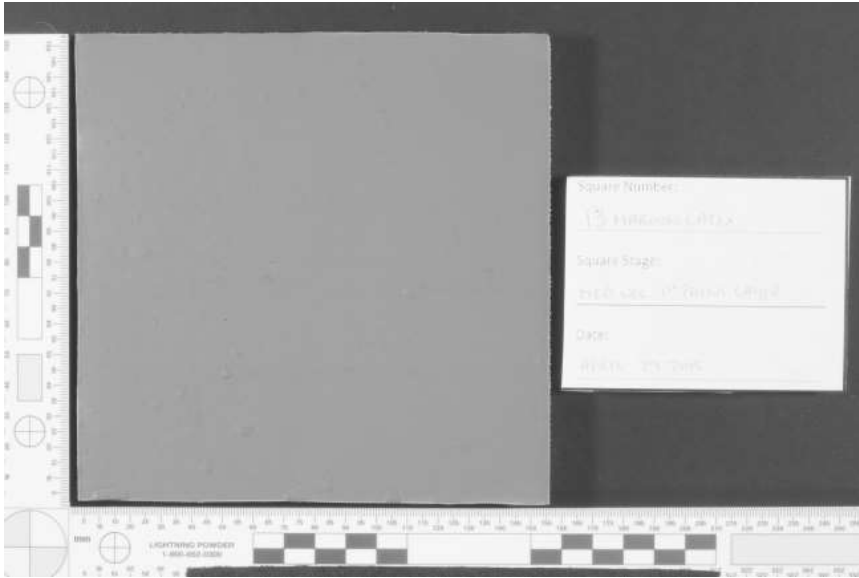
Appendix 4.2.3.4. Maroon Latex 70, 87, 87A, 87B, 88A, 89B First layer of paint stage  
Maroon Latex 13 – Medium Velocity



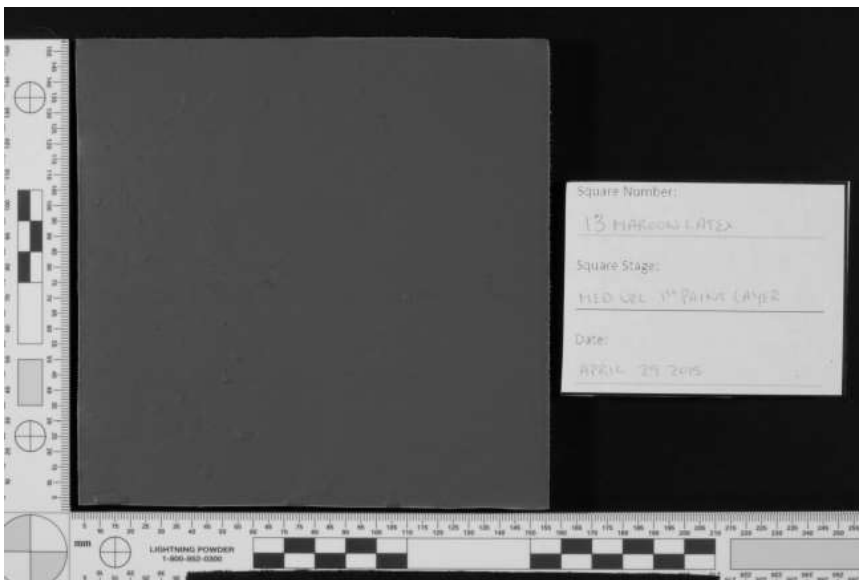
Longpass #70 HDR



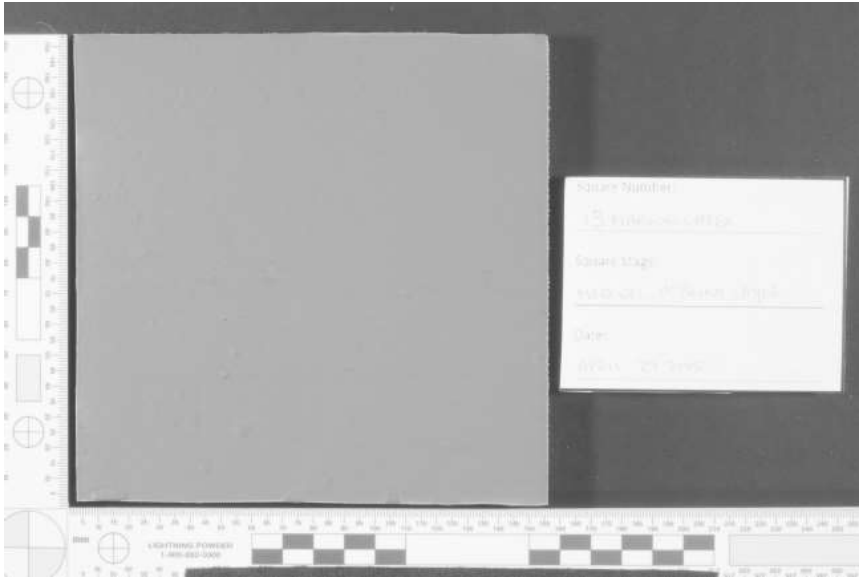
Longpass #70 Single



Longpass #87 HDR



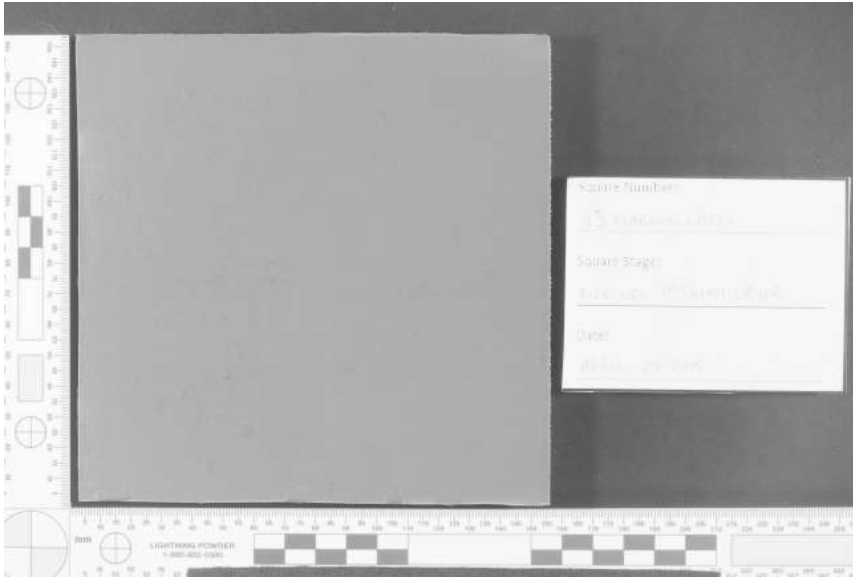
Longpass #87 Single



Longpass #87A HDR



Longpass #87A Single

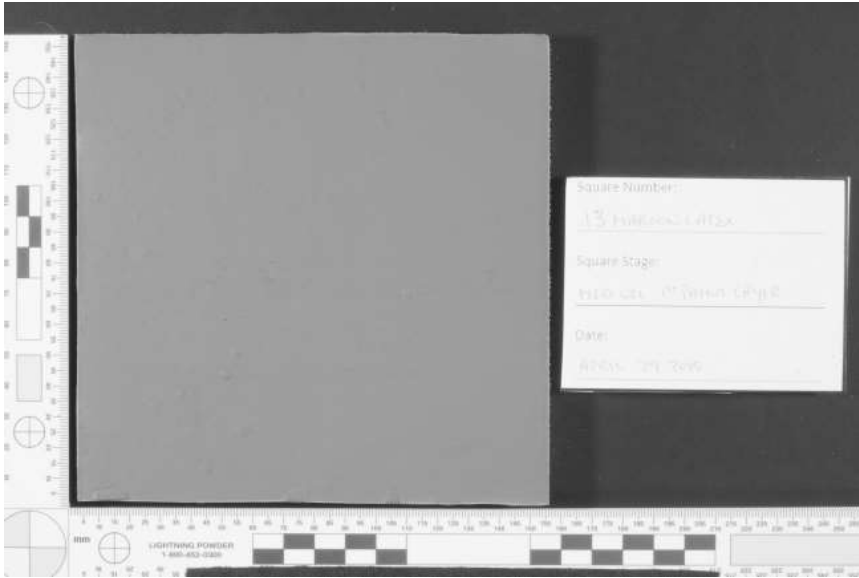


Longpass #87B HDR



Longpass #87B Single





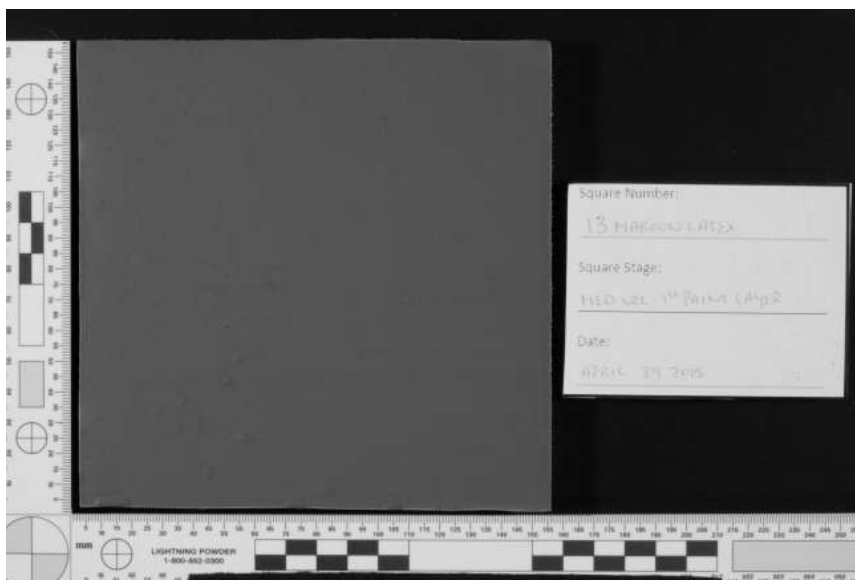
Longpass #88A HDR



Longpass #88A Single

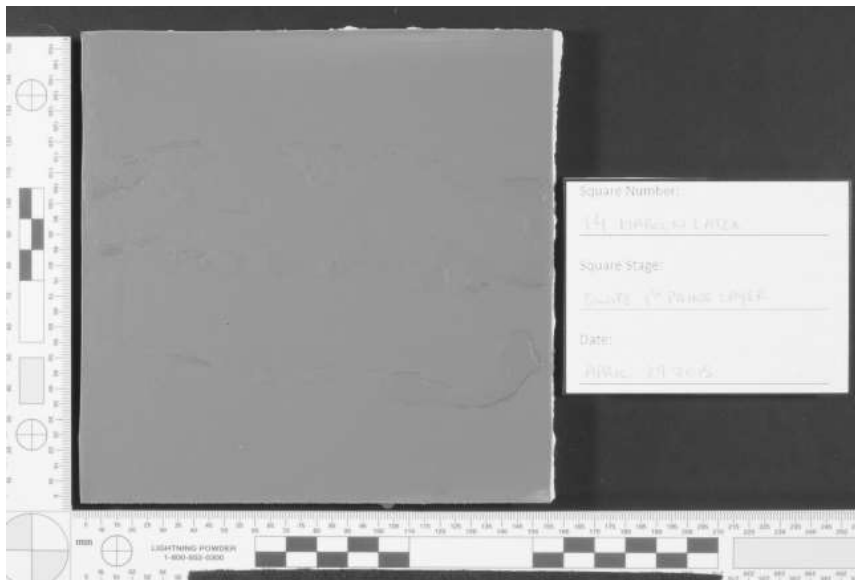


Longpass #89B HDR

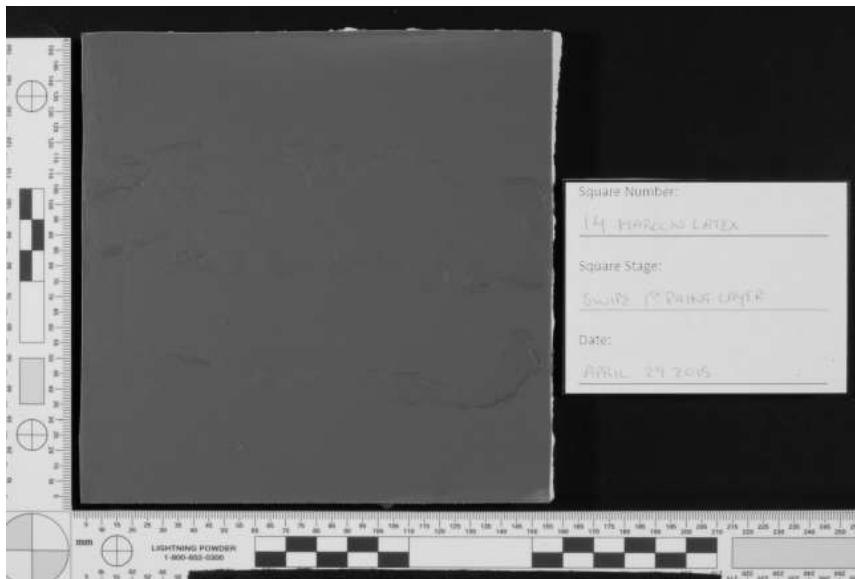


Longpass #89B Single

Maroon Latex 14 – Swipe



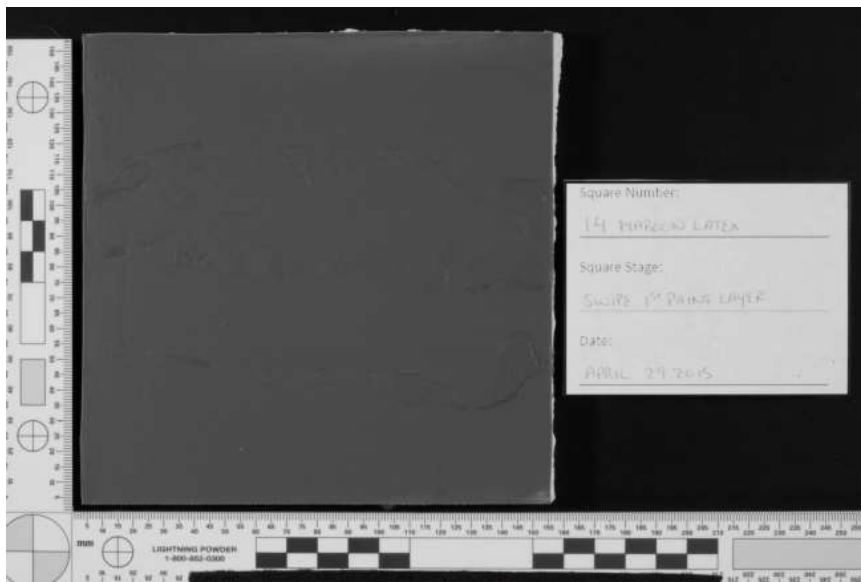
Longpass #70 HDR



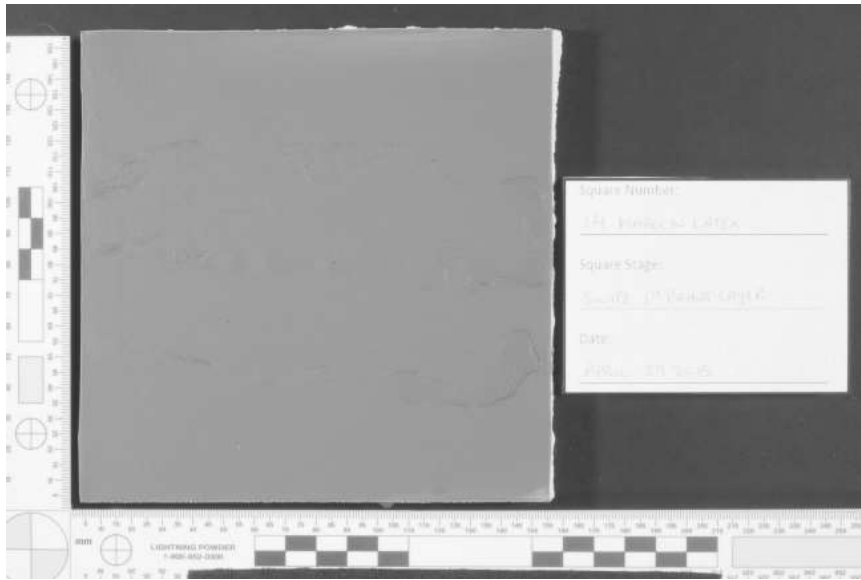
Longpass #70 Single



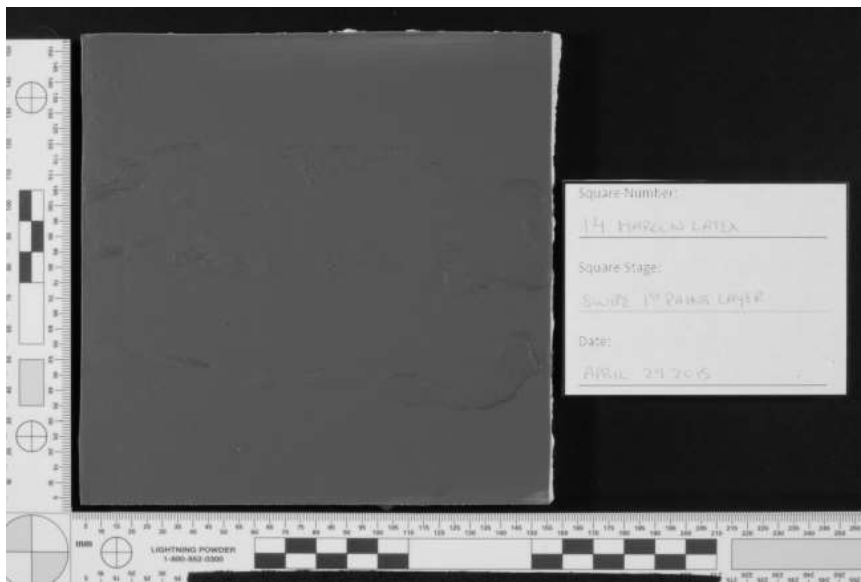
Longpass #87 HDR



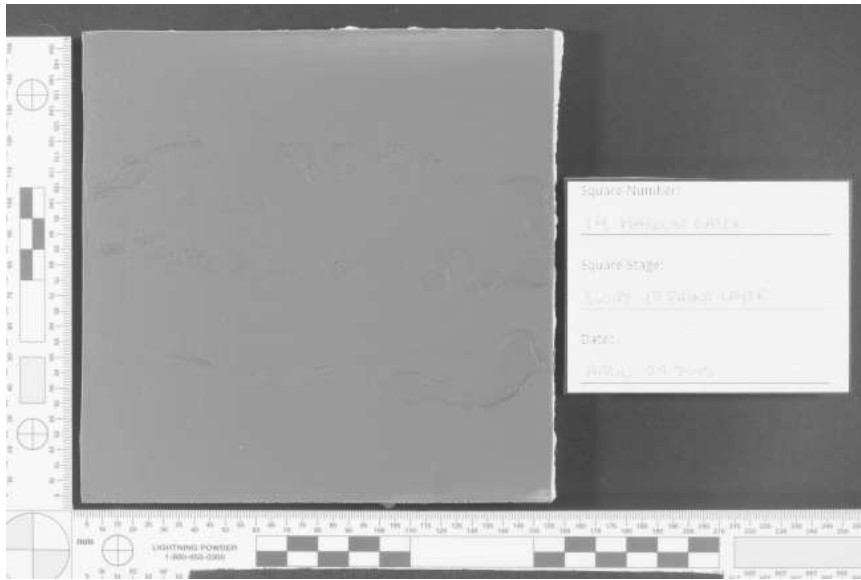
Longpass #87 Single



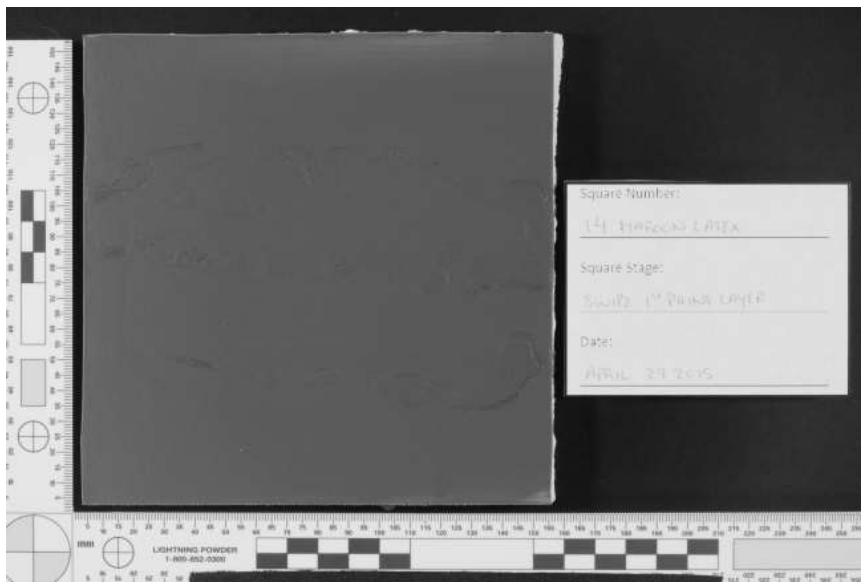
Longpass #87A HDR



Longpass #87A Single



Longpass #87B HDR



Longpass #87B Single



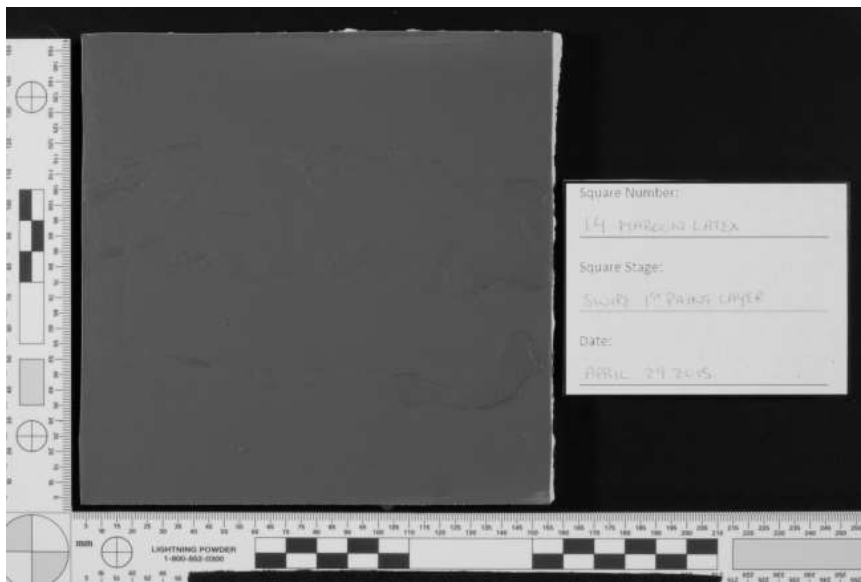
Longpass #88A HDR



Longpass #88A Single



Longpass #89B HDR



Longpass #89B Single



Maroon Latex 15 – Saturated



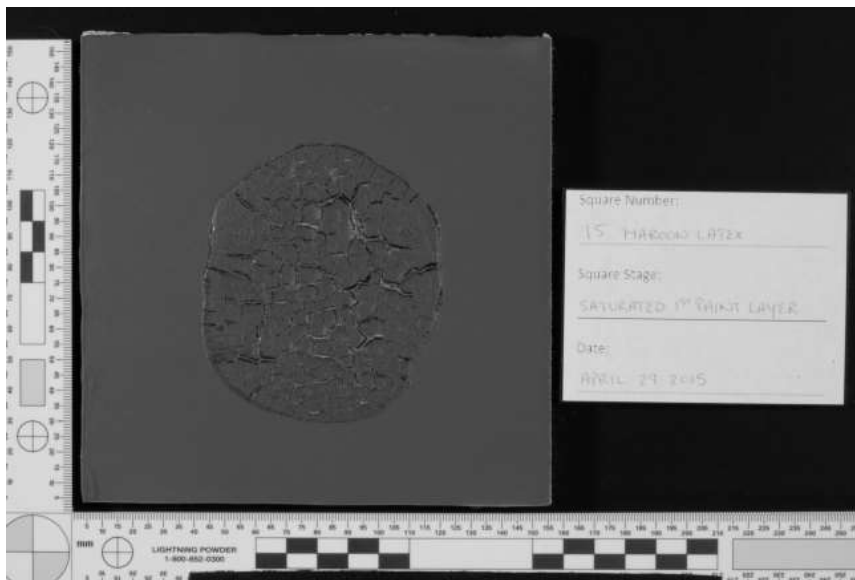
Longpass #70 HDR



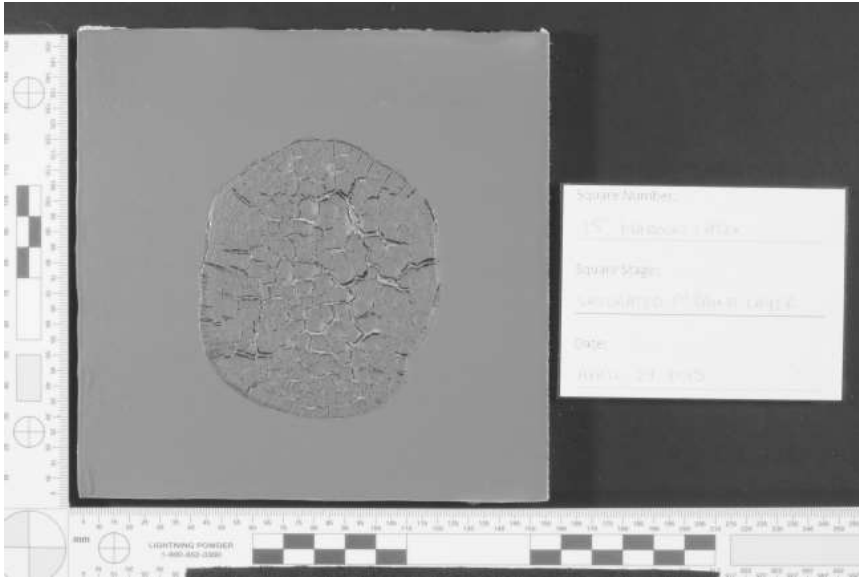
Longpass #70 Single



Longpass #87 HDR



Longpass #87 Single



Longpass #87A HDR



Longpass #87A Single



Longpass #87B HDR



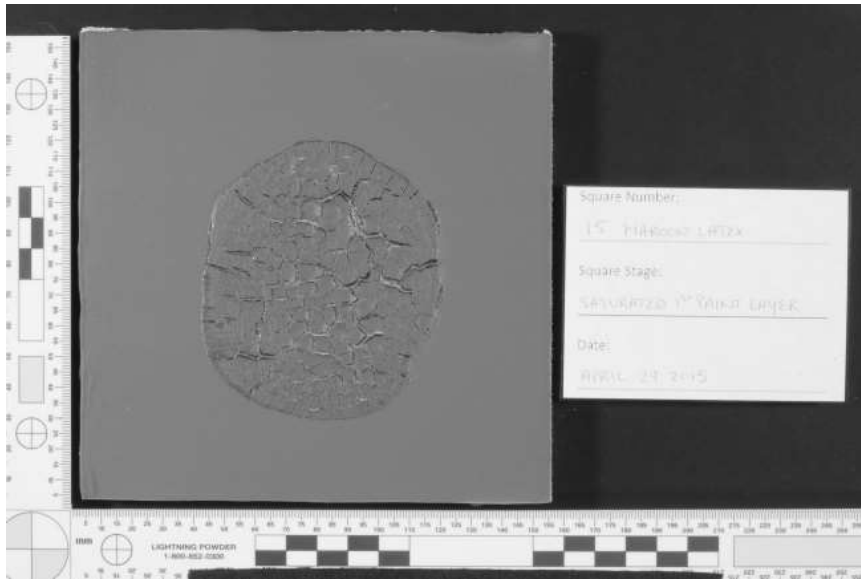
Longpass #87B Single



Longpass #88A HDR



Longpass #88A Single



Longpass #89B HDR



Longpass #89B Single

Maroon Latex 16 – Control No Bloodstain

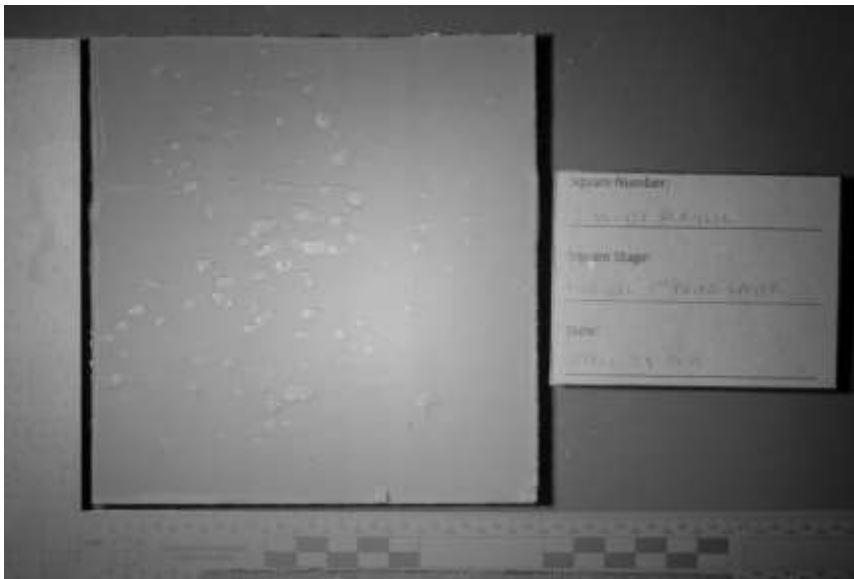


Longpass #70 HDR

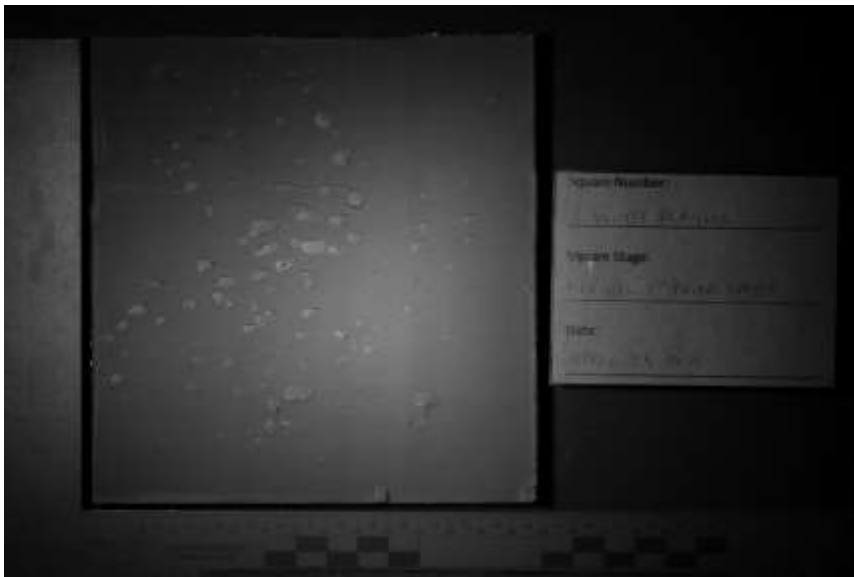
#### Appendix 4.2.4. Ultraviolet Photography

##### Appendix 4.2.4.1. White Acrylic First layer of paint stage

##### White Acrylic 1 – Medium Velocity



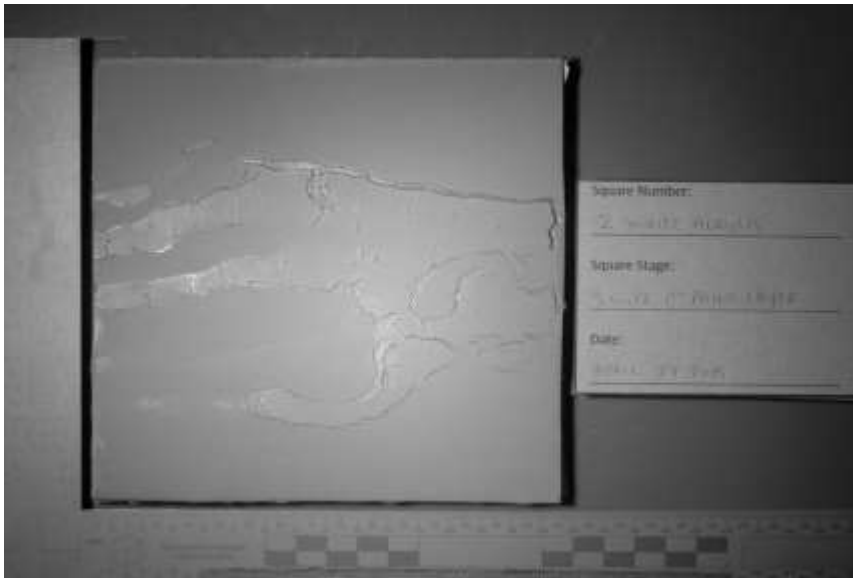
HDR



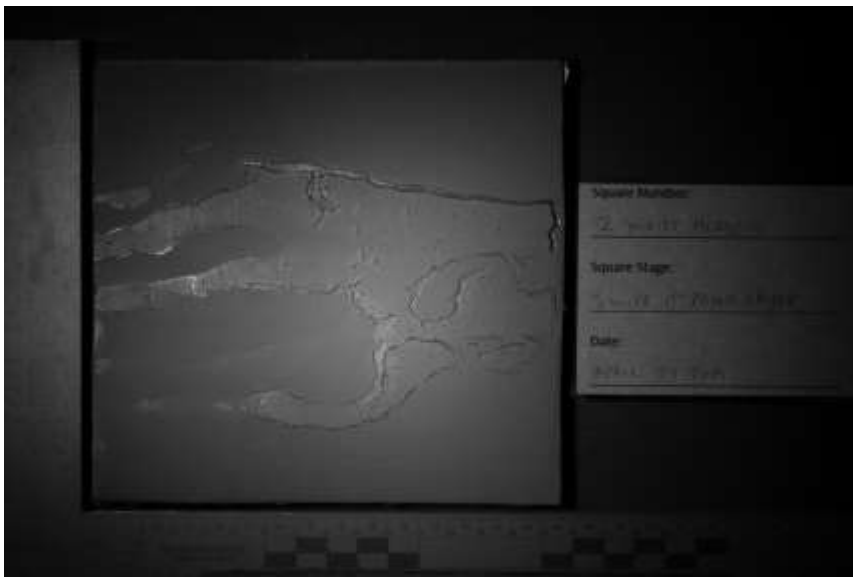
Single



White Acrylic 2 – Swipe

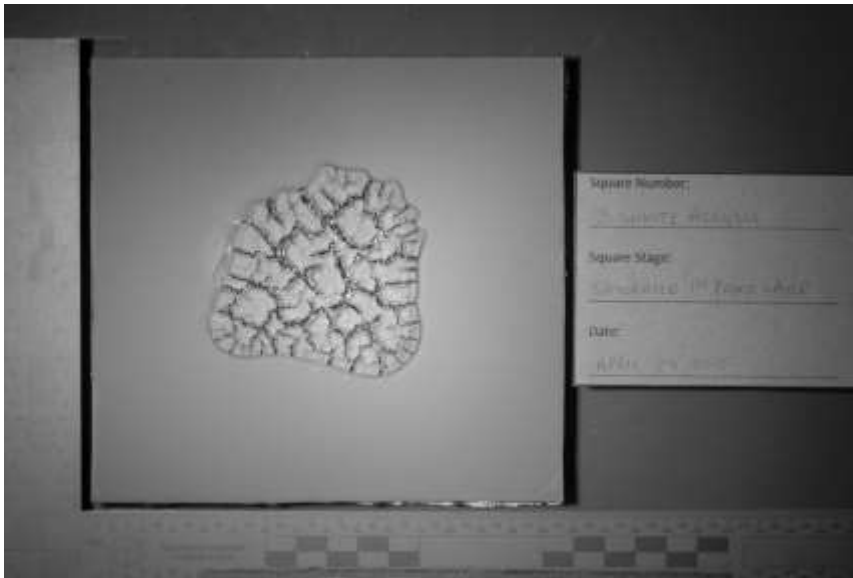


HDR

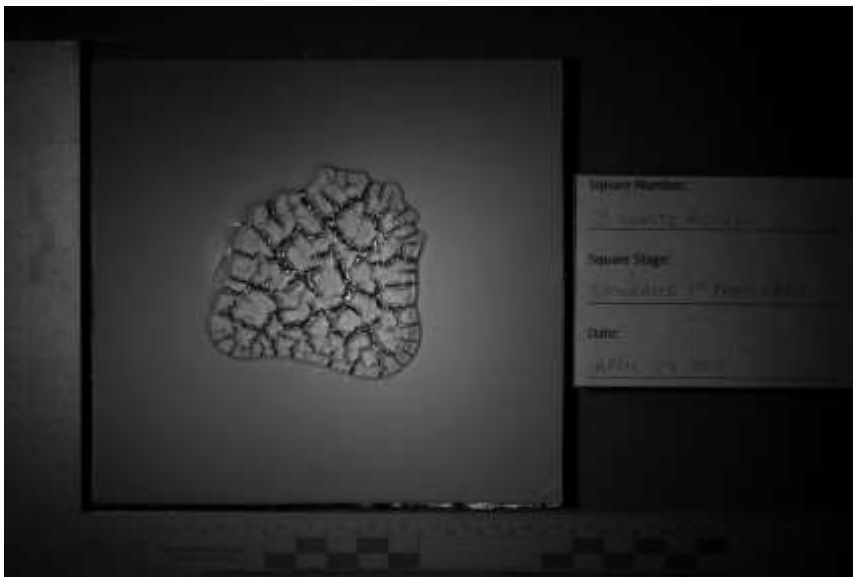


Single

White Acrylic 3 – Saturated



HDR



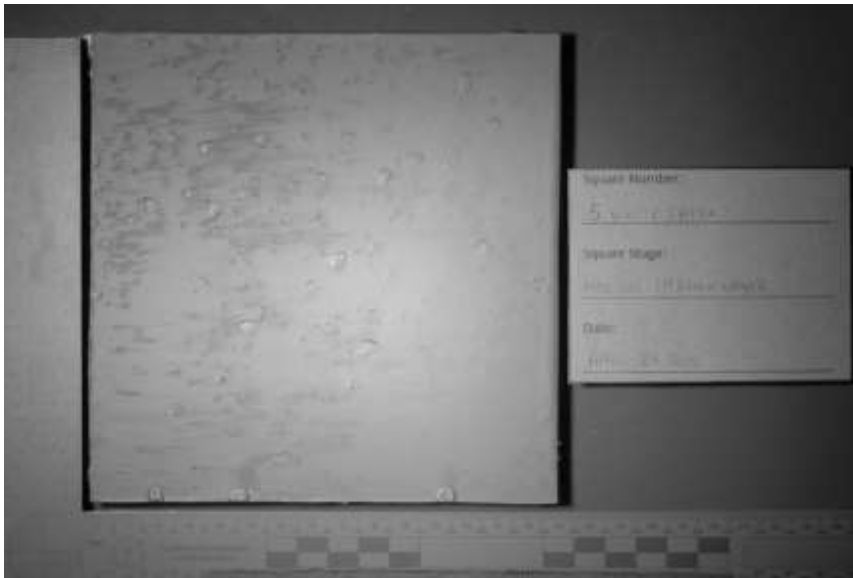
Single

White Acrylic 4 – Control No Bloodstain



HDR

Appendix 4.2.4.2. White Latex First layer of paint stage  
White Latex 5 – Medium Velocity

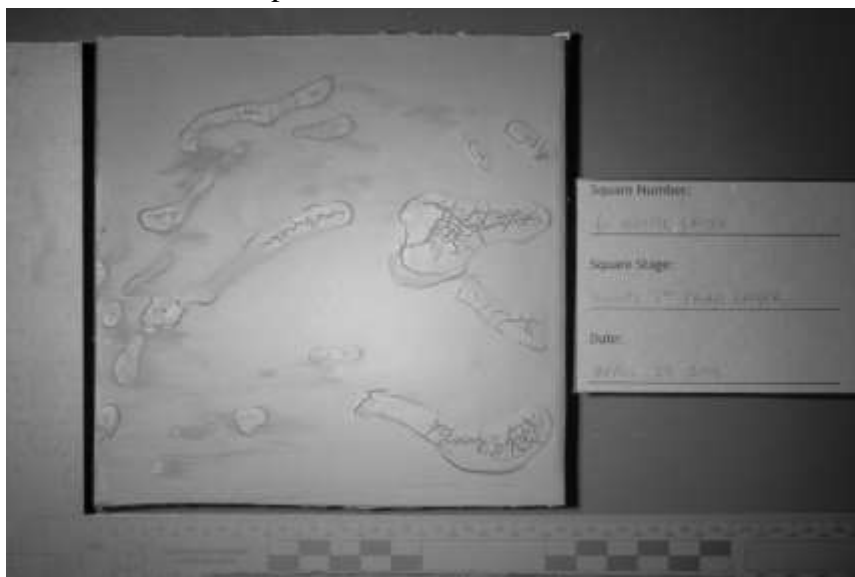


HDR

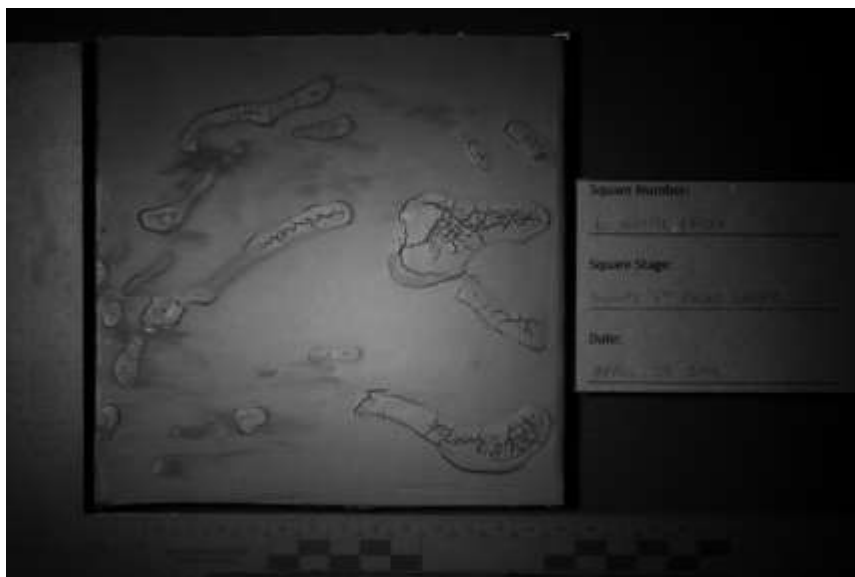


Single

White Latex 6 – Swipe

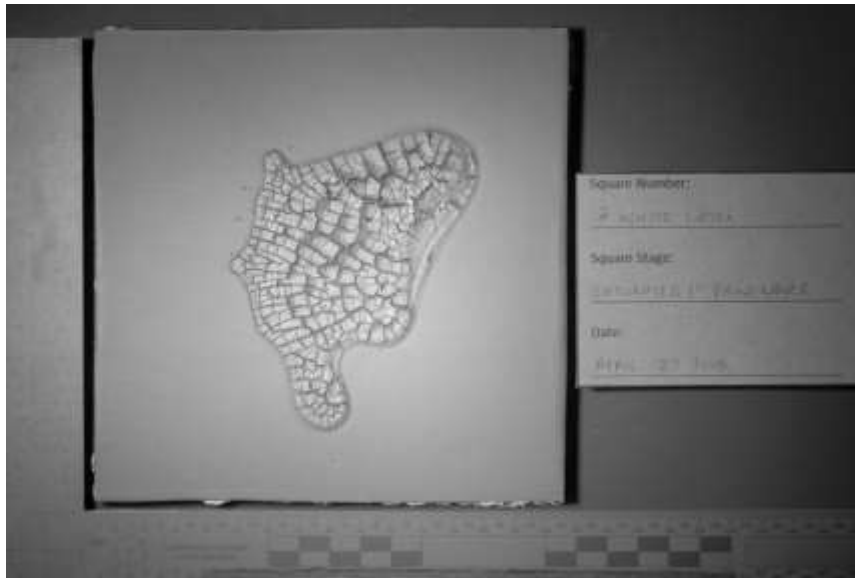


HDR

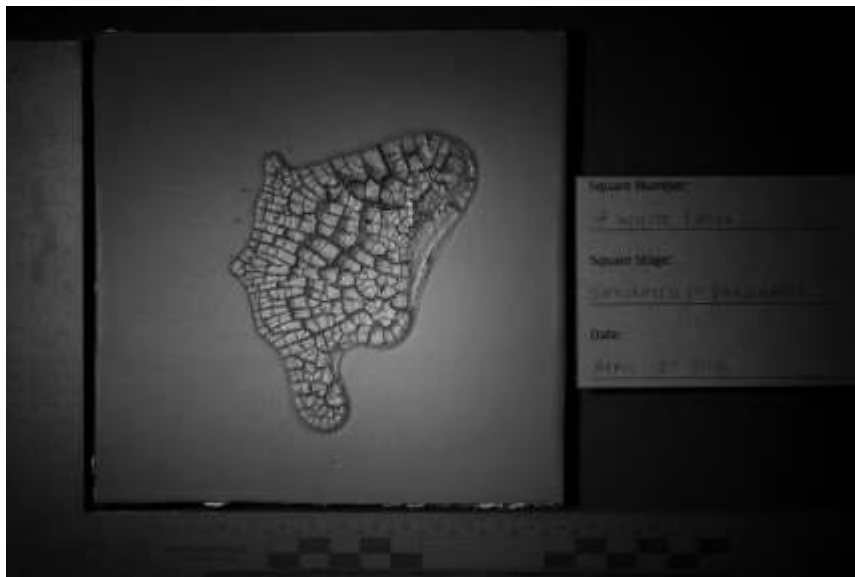


Single

White Latex 7 – Saturated

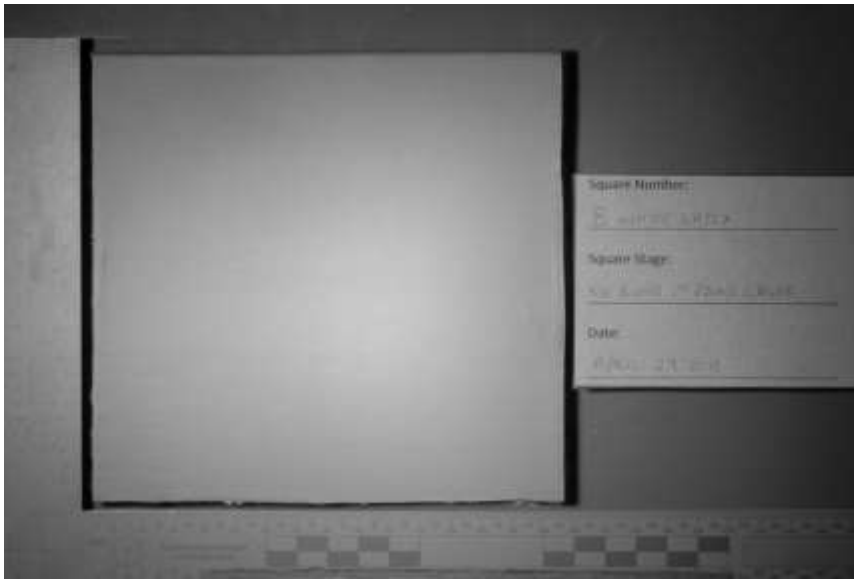


HDR



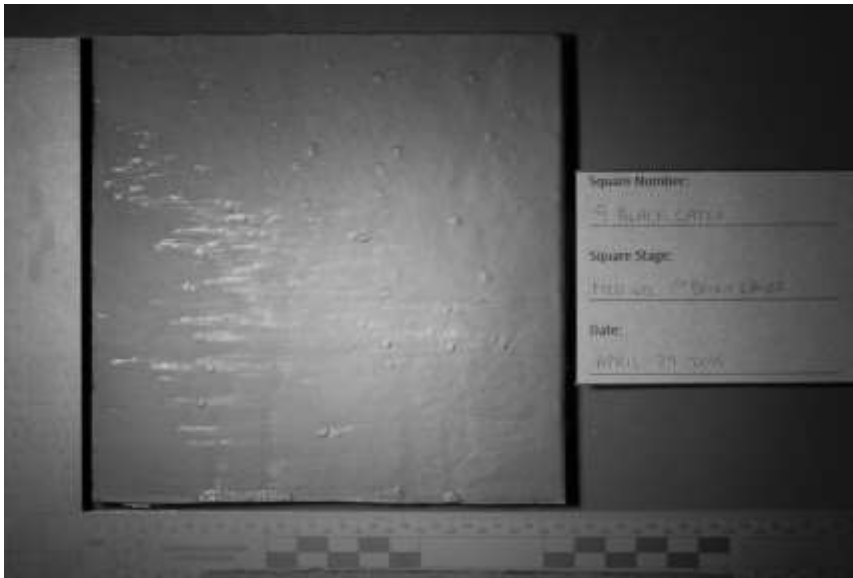
Single

White Latex 8 – Control No Bloodstain



HDR

Appendix 4.2.4.3. Black Latex First layer of paint stage  
Black Latex 9 – Medium Velocity



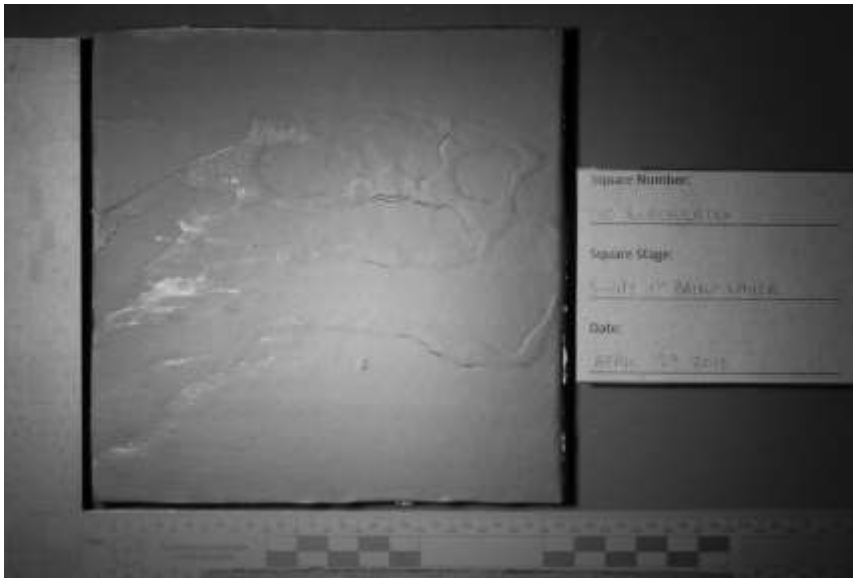
HDR



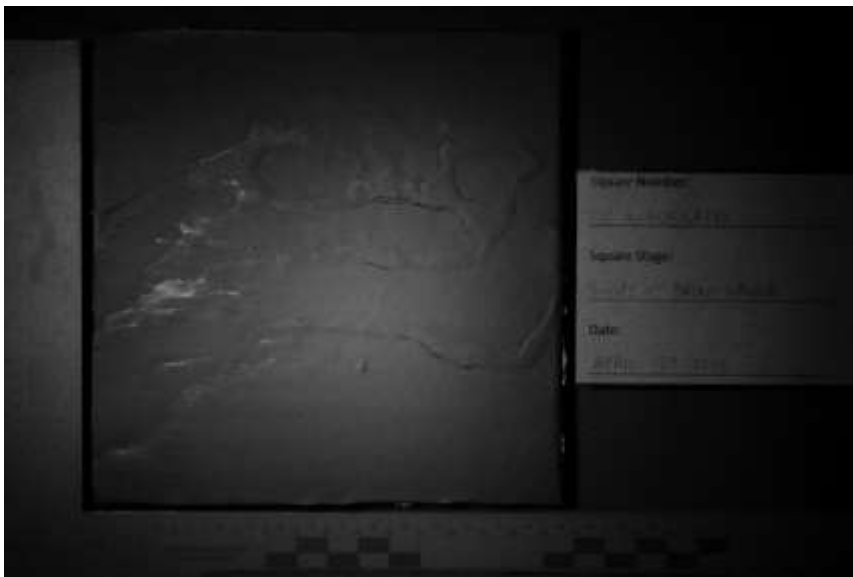
Single



Black Latex 10 – Swipe

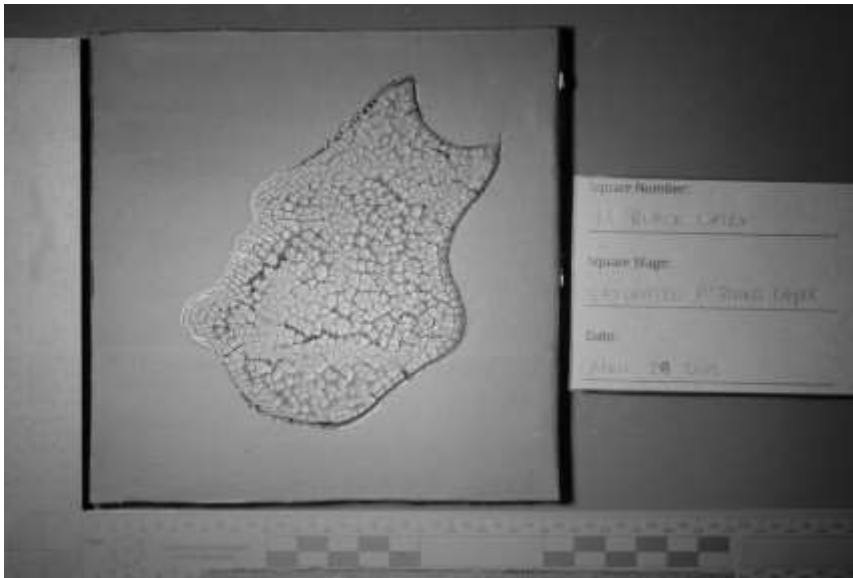


HDR

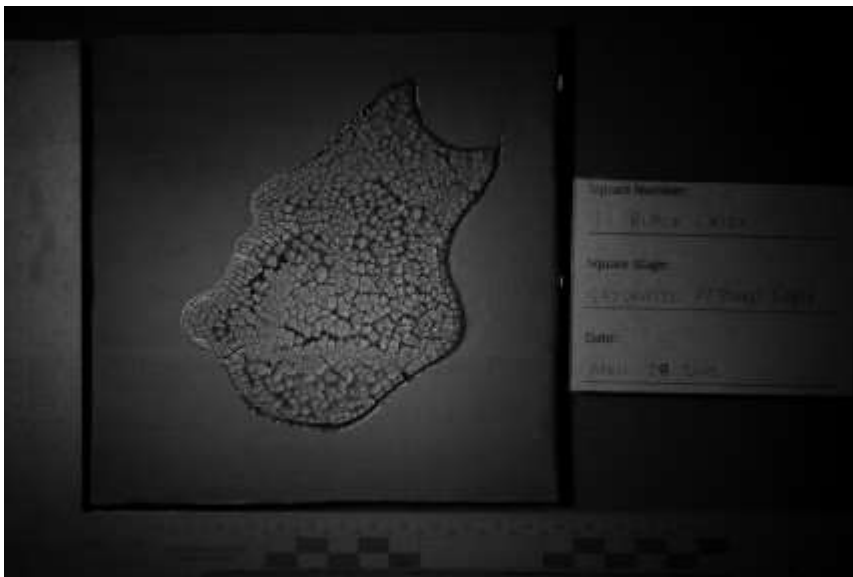


Single

Black Latex 11 – Saturated



HDR



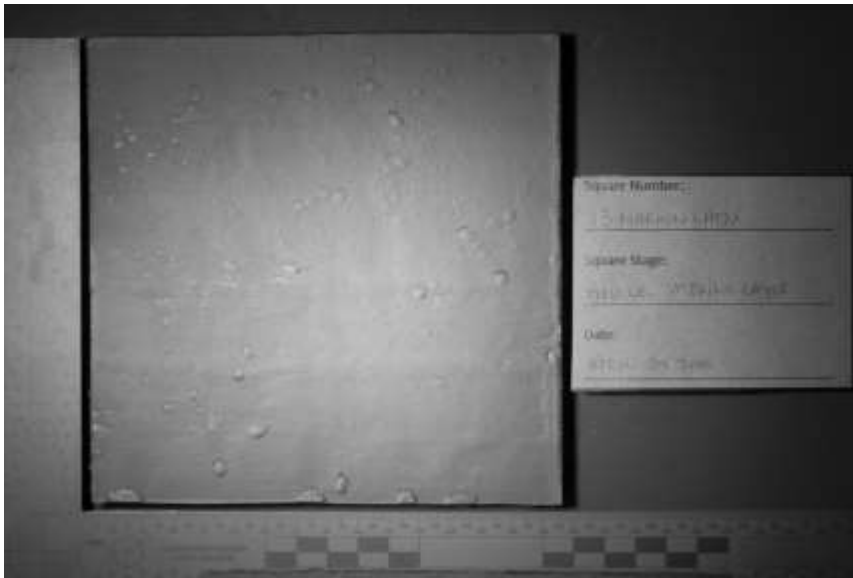
Single

Black Latex 12 – Control No Bloodstain

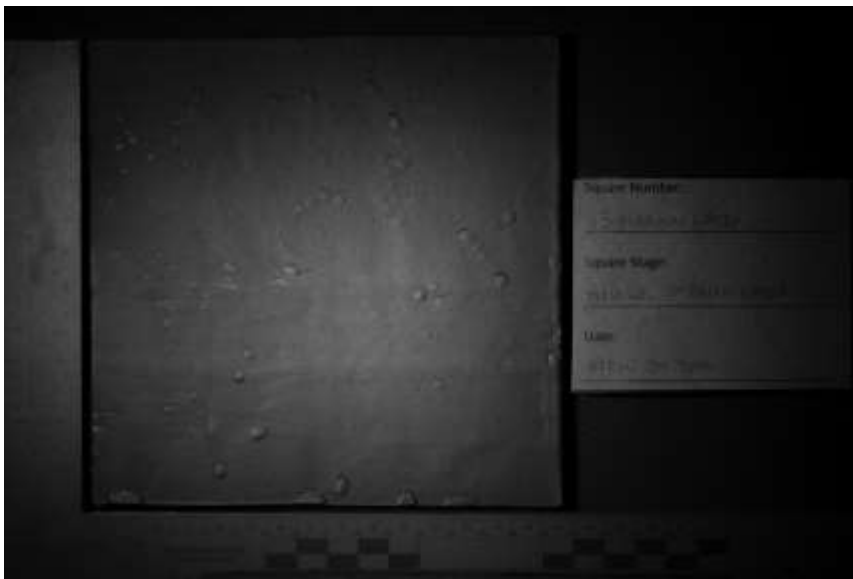


HDR

Appendix 4.2.4.4. Maroon Latex First layer of paint stage  
Maroon Latex 13 – Medium Velocity

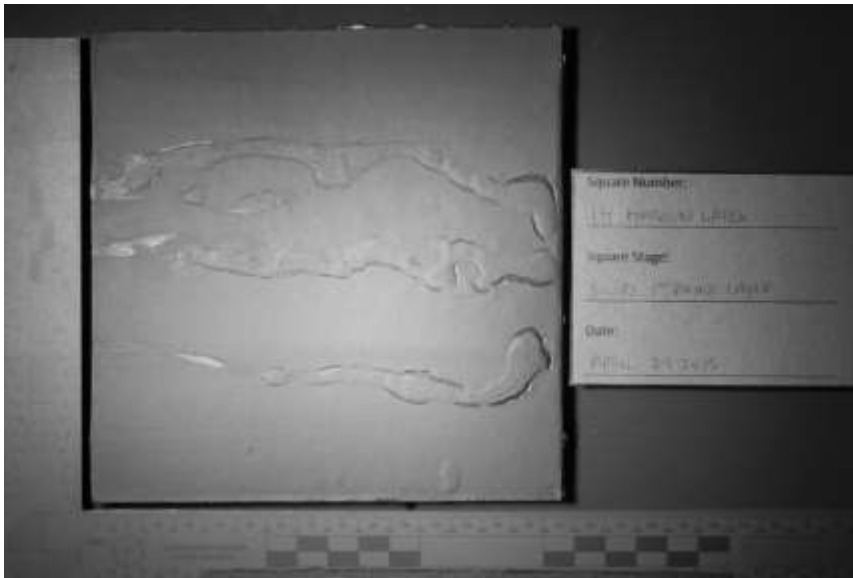


HDR

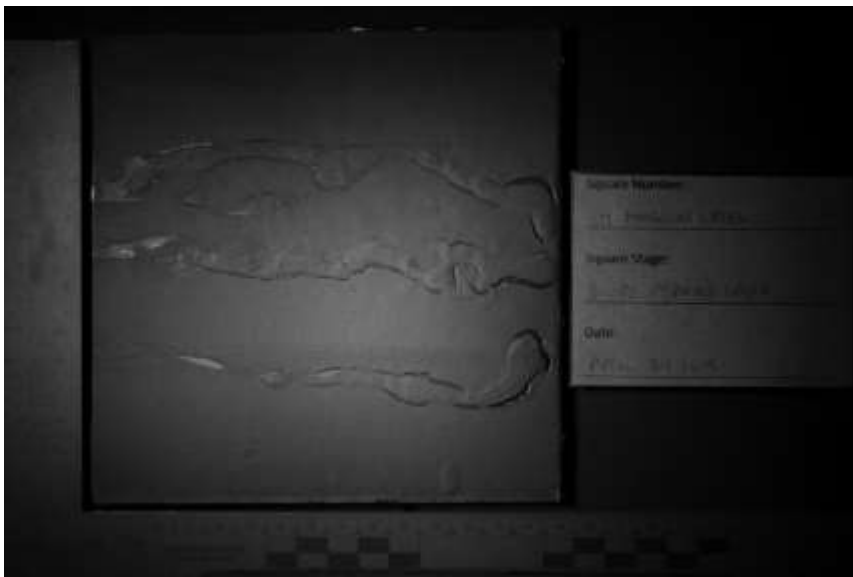


Single

Maroon Latex 14 – Swipe

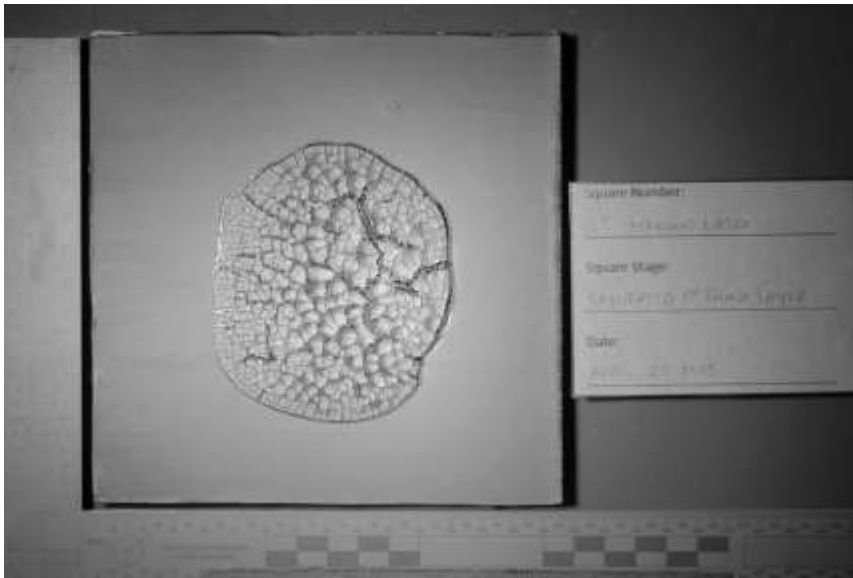


HDR

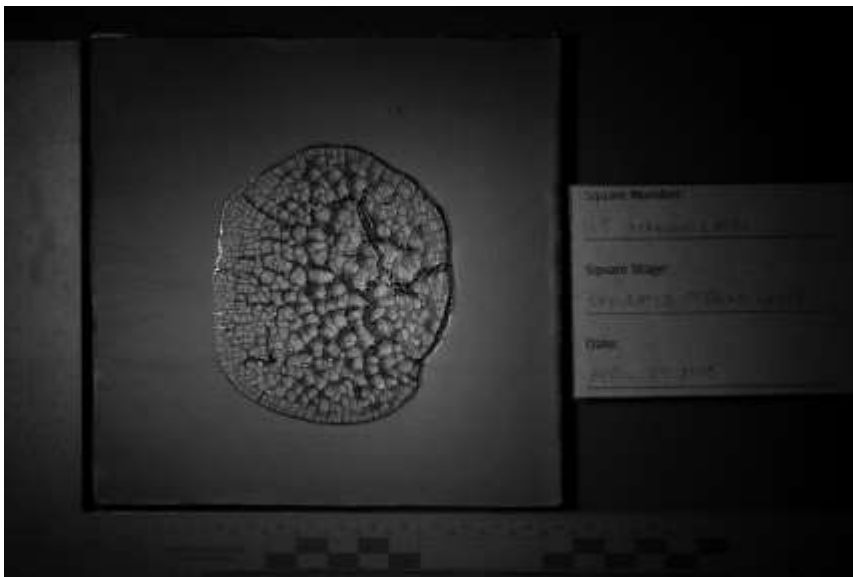


Single

Maroon Latex 15 – Saturated



HDR



Single

Maroon Latex 16 – Control No Bloodstain

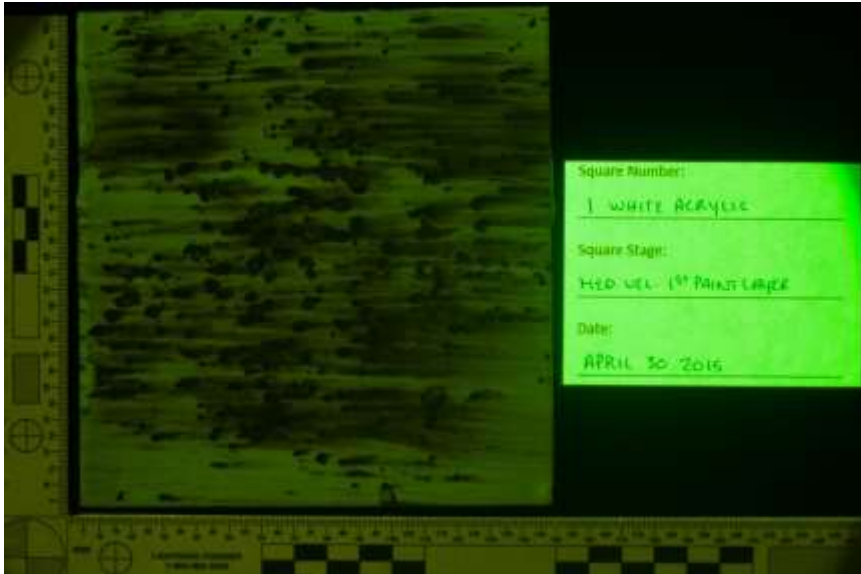


HDR

Appendix 4.2.5. Fluorescence Photography

Appendix 4.2.5.1. White Acrylic – Yellow 415nm, 445nm, 455nm; Orange 445nm, 455nm, 475nm, 495nm, 515nm; Red 575nm First layer of paint stage

White Acrylic 1 – Medium Velocity

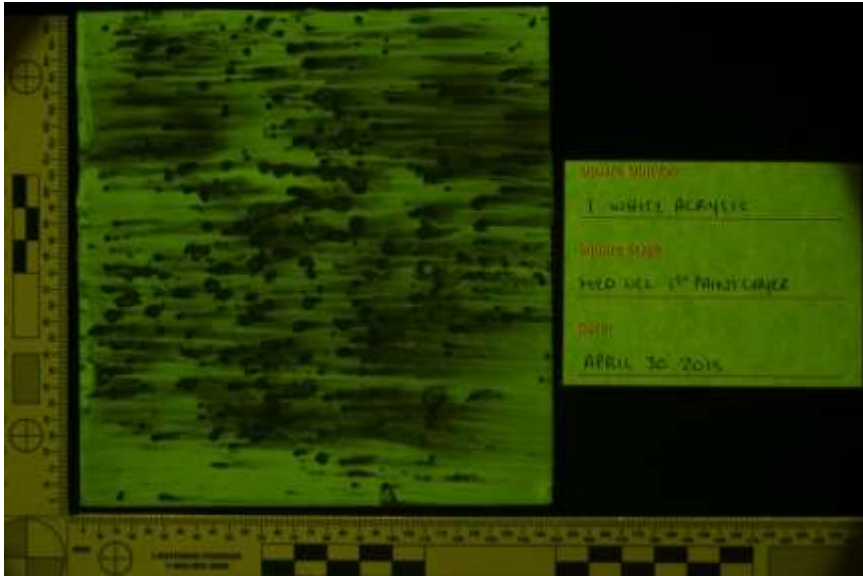


Yellow 415nm HDR

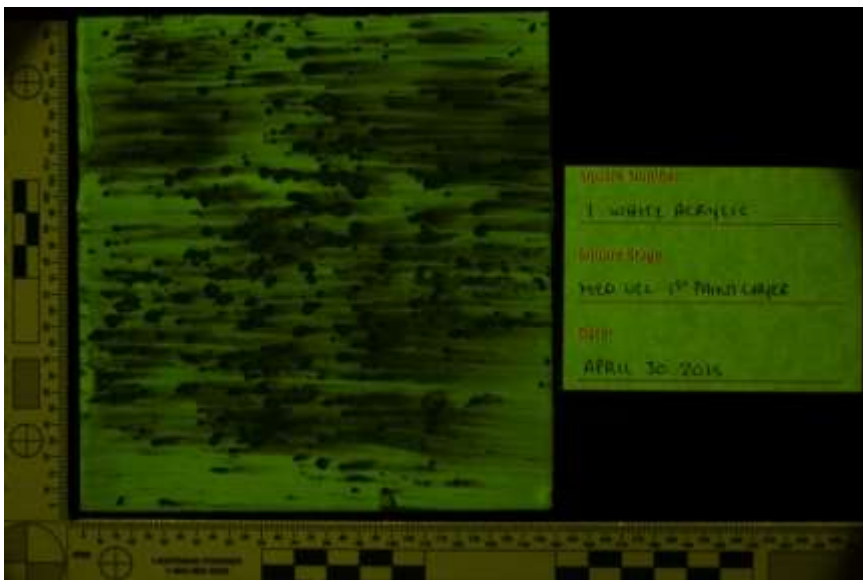


Yellow 415nm Single

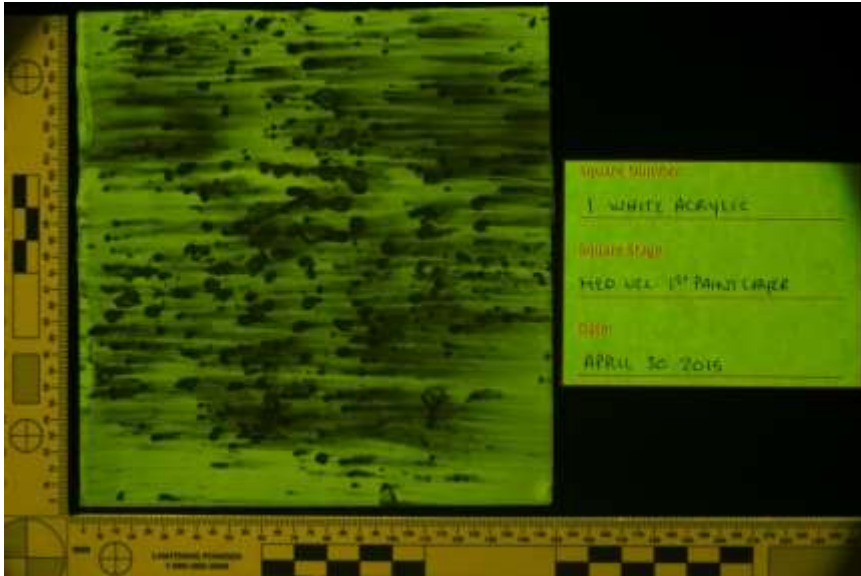




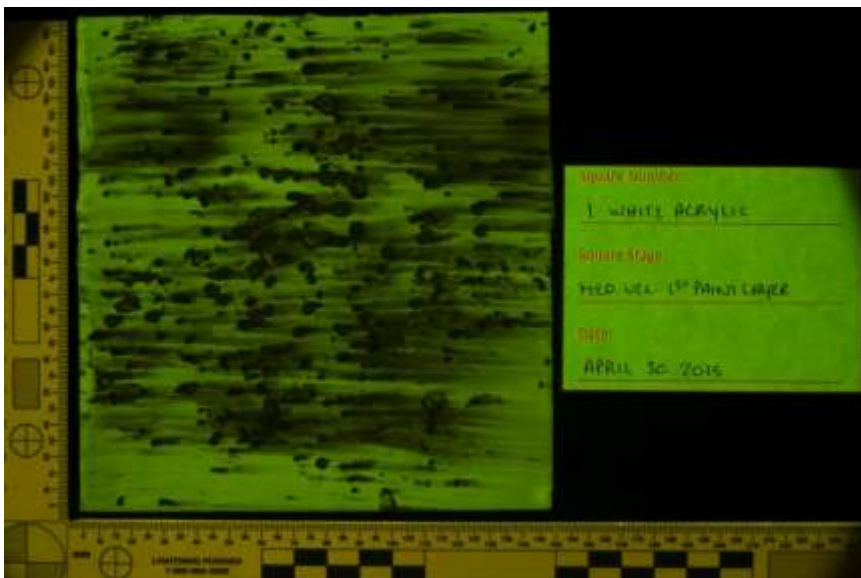
Yellow 445nm HDR



Yellow 445nm Single



Yellow 455nm HDR



Yellow 455nm Single



Orange 445nm HDR



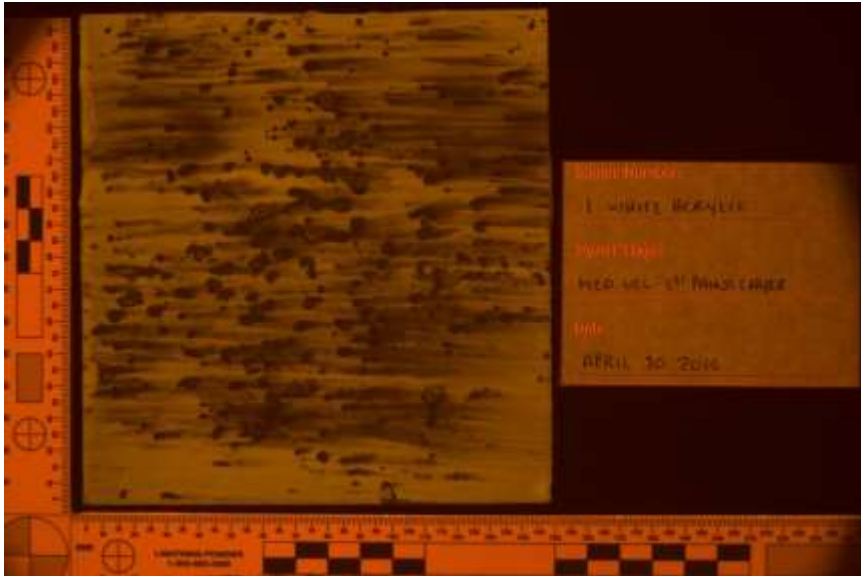
Orange 445nm Single



Orange 455nm HDR



Orange 455nm Single

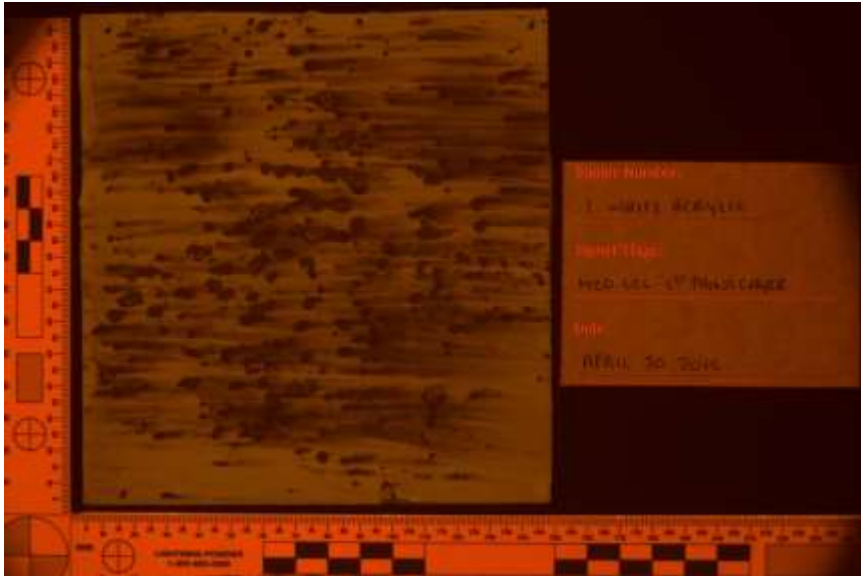


Orange 475nm HDR

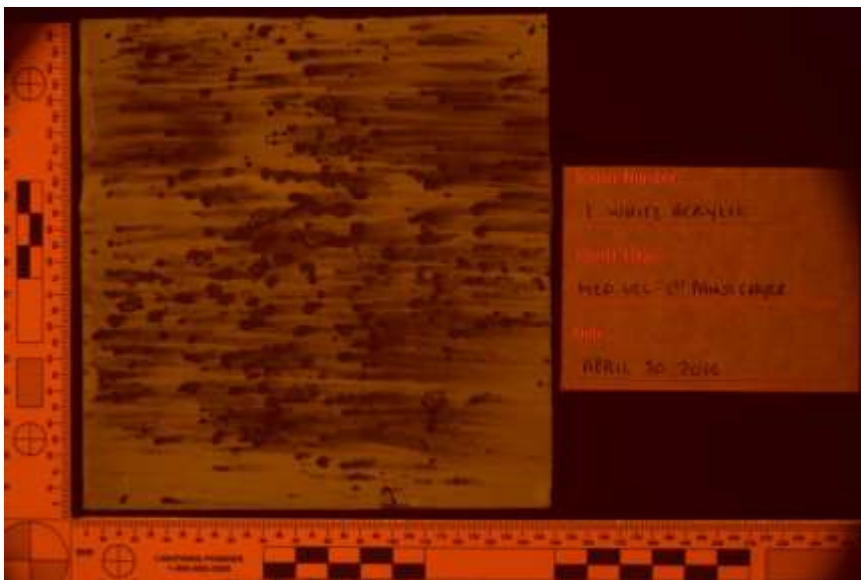


Orange 475nm Single





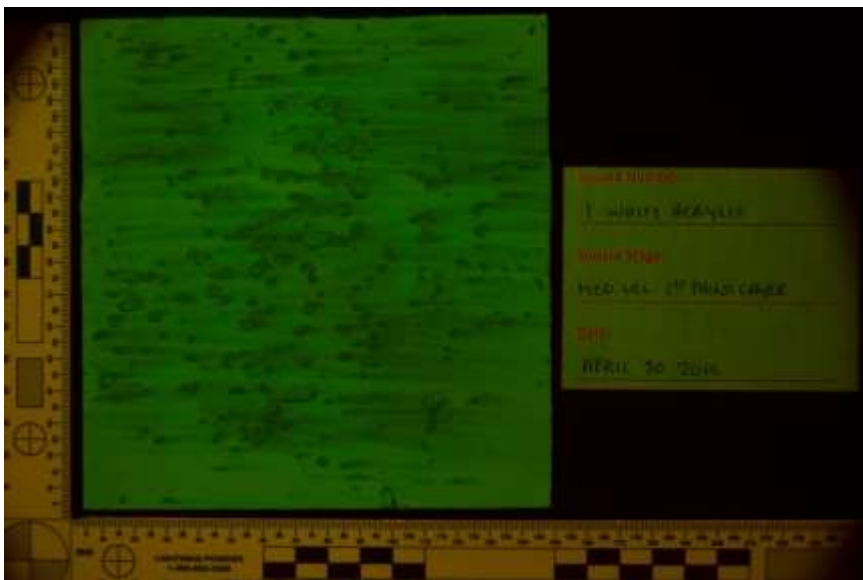
Orange 495nm HDR



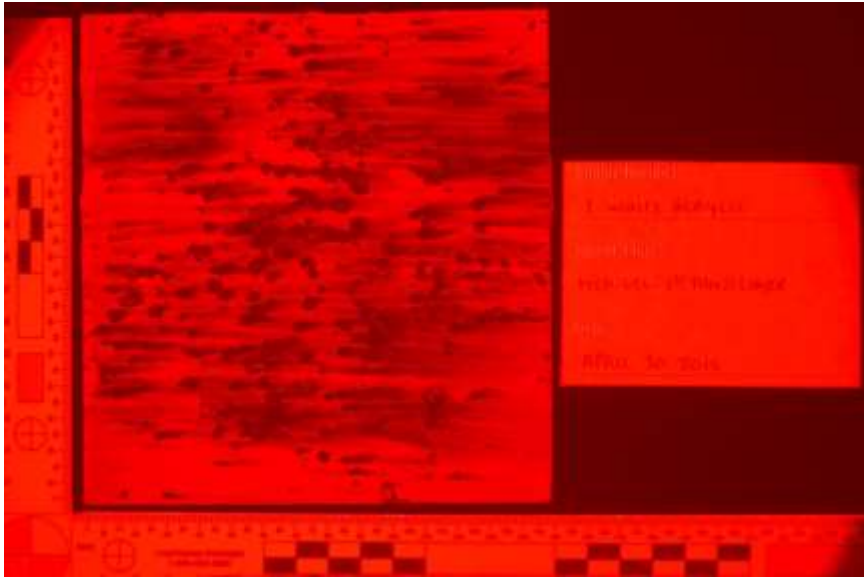
Orange 495nm Single



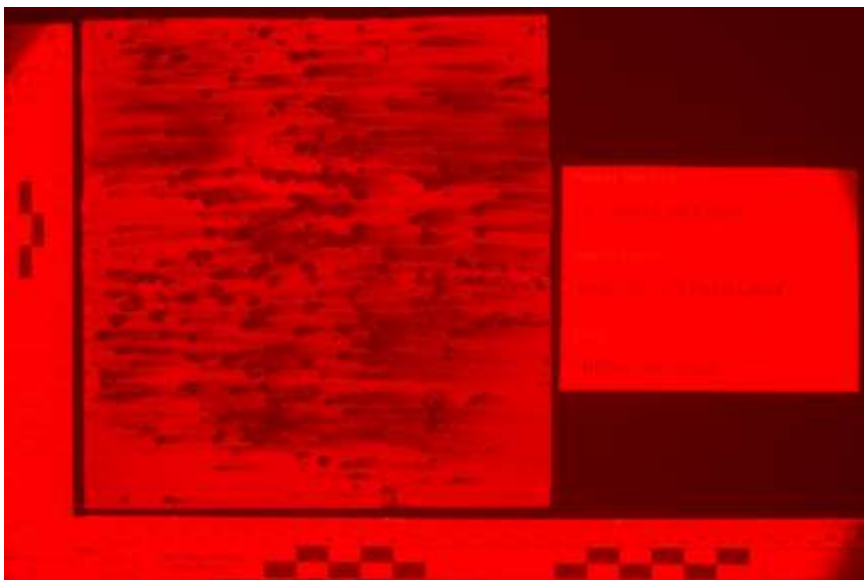
Orange 515nm HDR



Orange 515nm Single



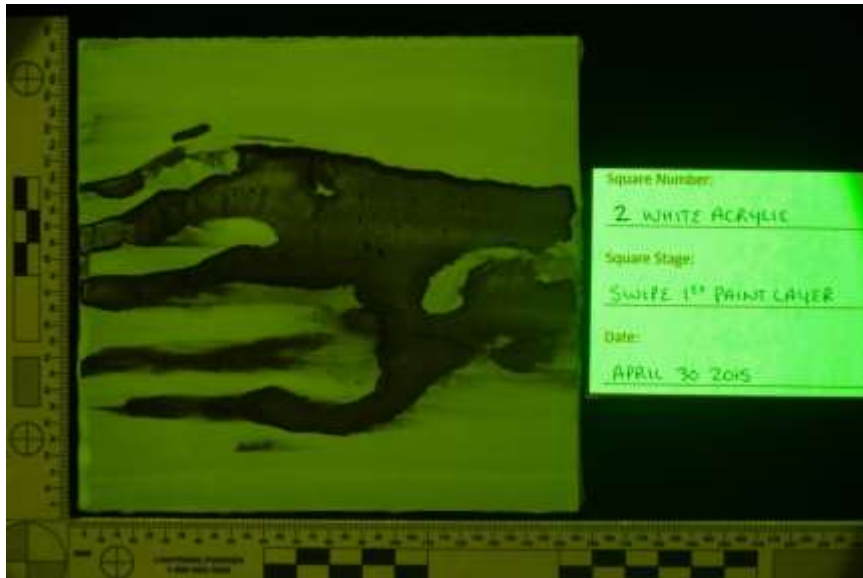
Red 575nm HDR



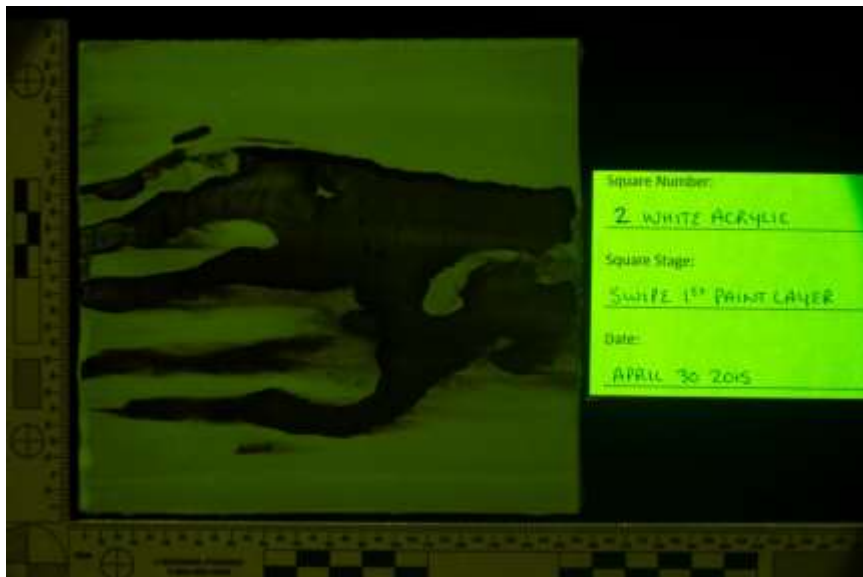
Red 575nm Single



White Acrylic 2 – Swipe



Yellow 415nm HDR



Yellow 415nm Single



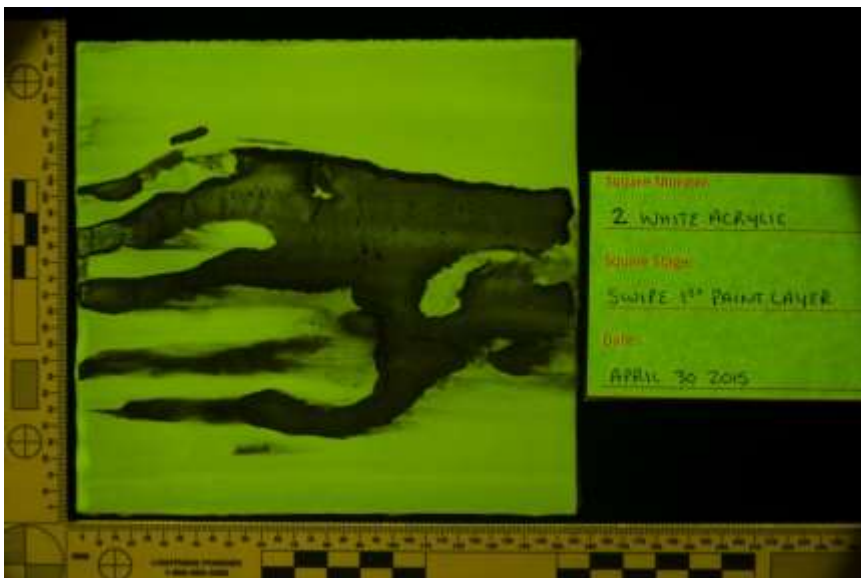
Yellow 445nm HDR



Yellow 445nm Single



Yellow 455nm HDR



Yellow 455nm Single



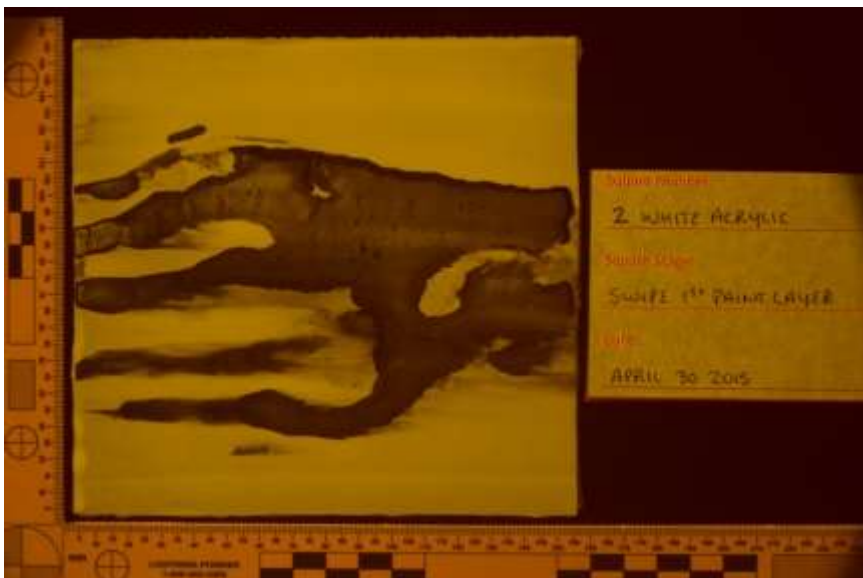
Orange 445nm HDR



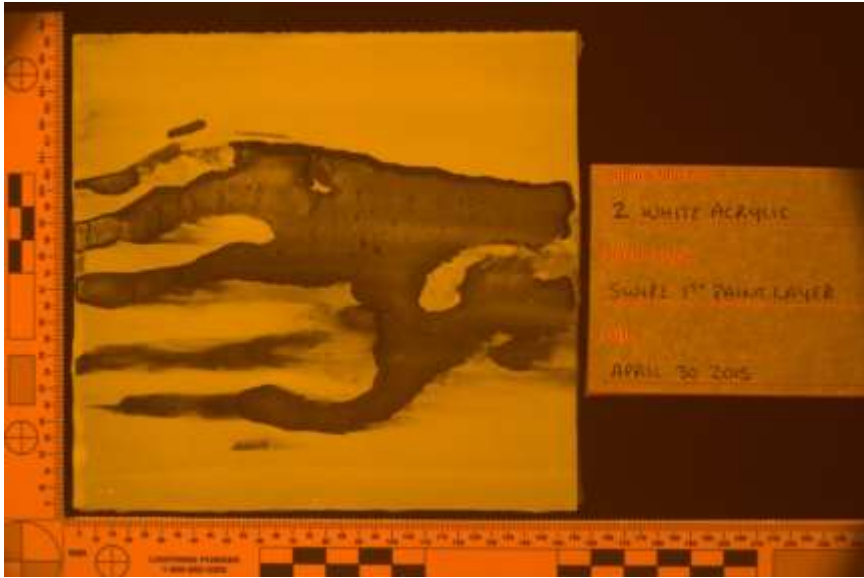
Orange 445nm Single



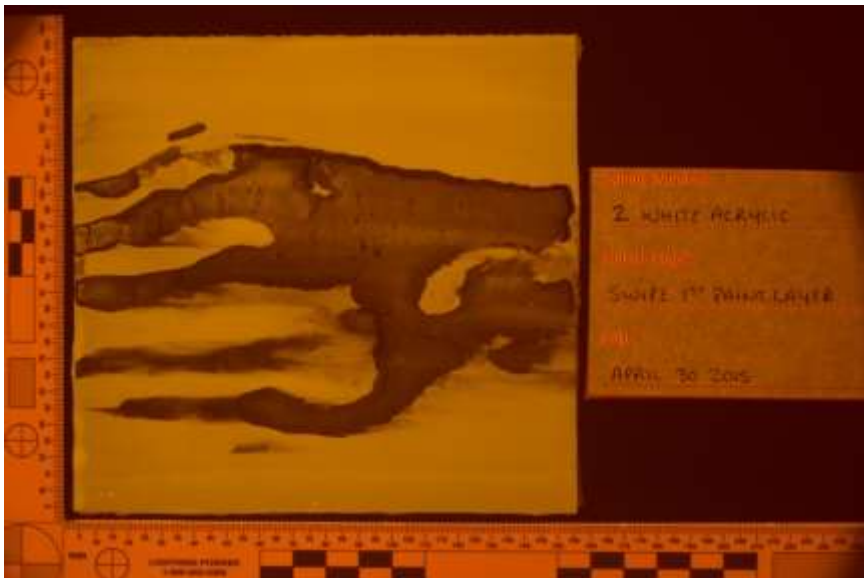
Orange 455nm HDR



Orange 455nm Single

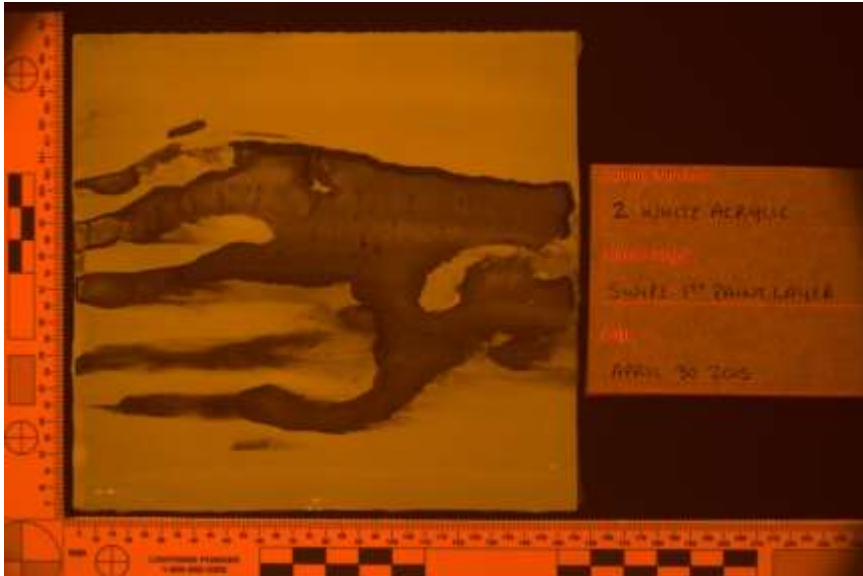


Orange 475nm HDR

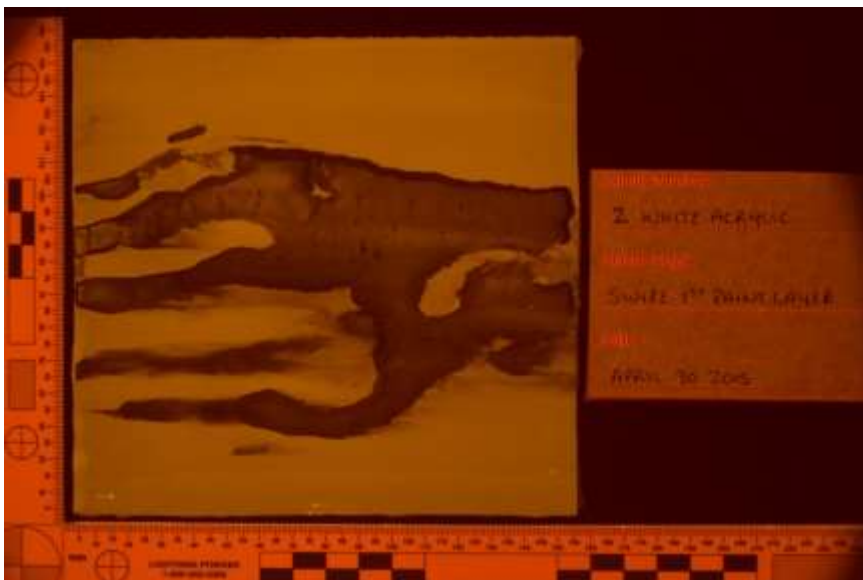


Orange 475nm Single

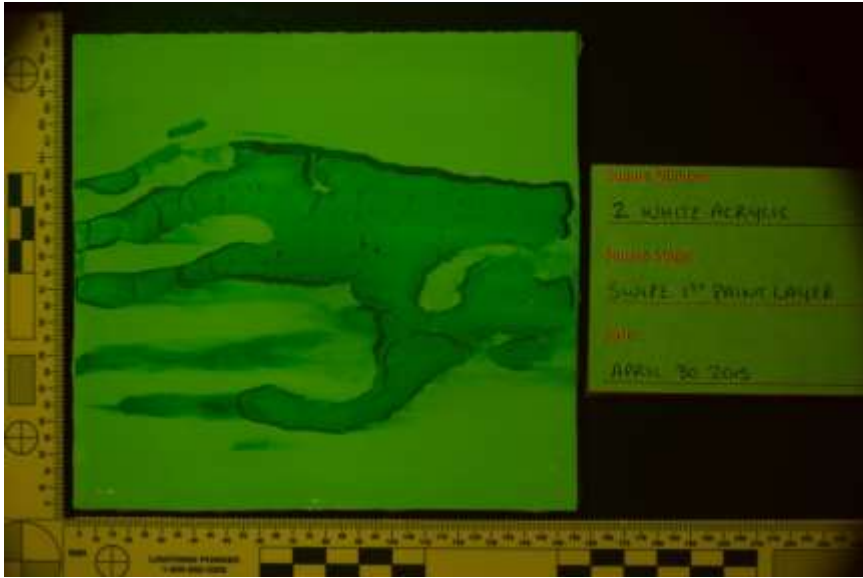




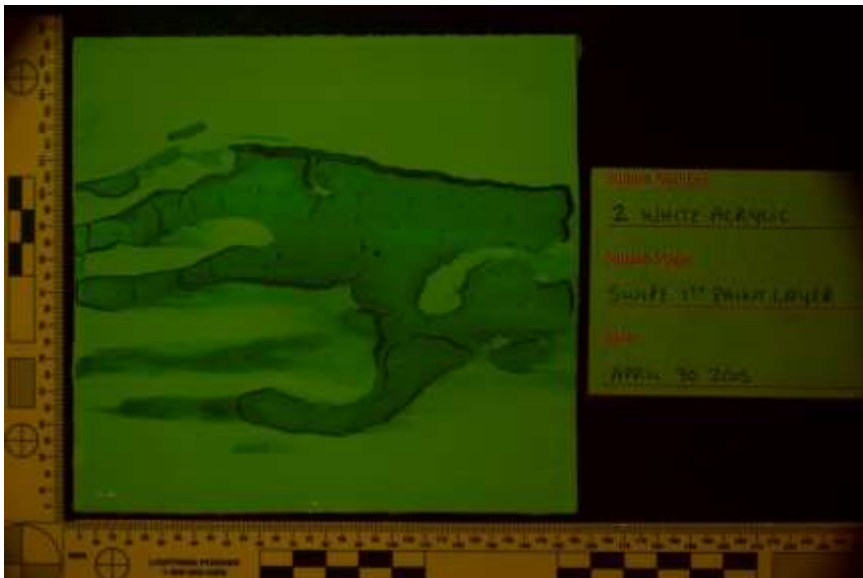
Orange 495nm HDR



Orange 495nm Single



Orange 515nm HDR



Orange 515nm Single



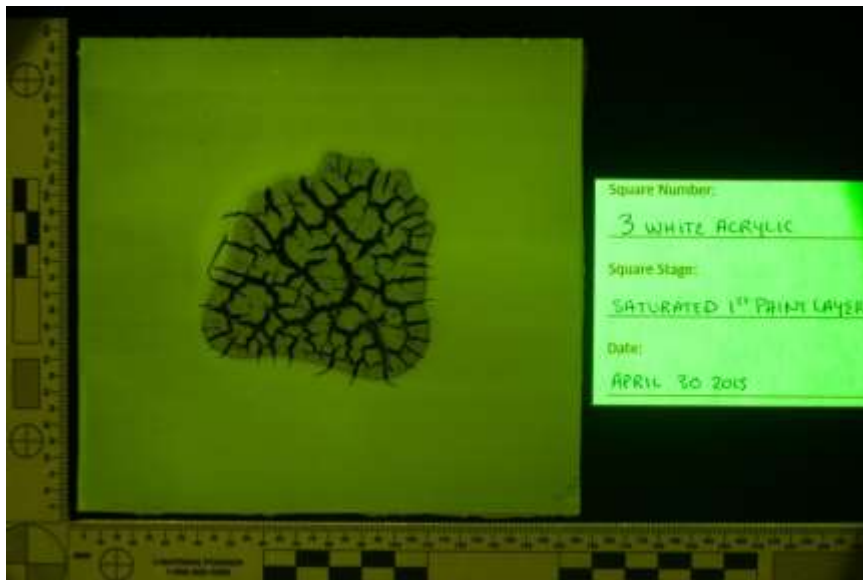


Red 575nm HDR

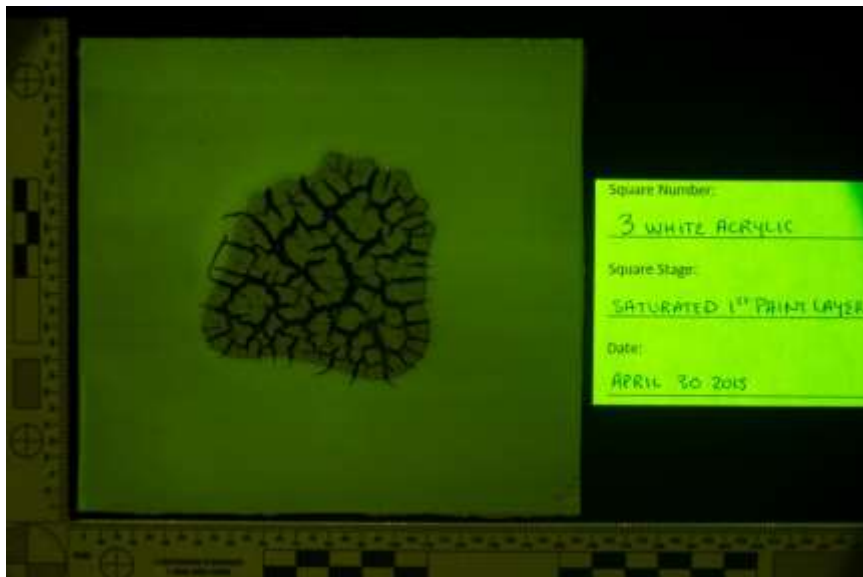


Red 575nm Single

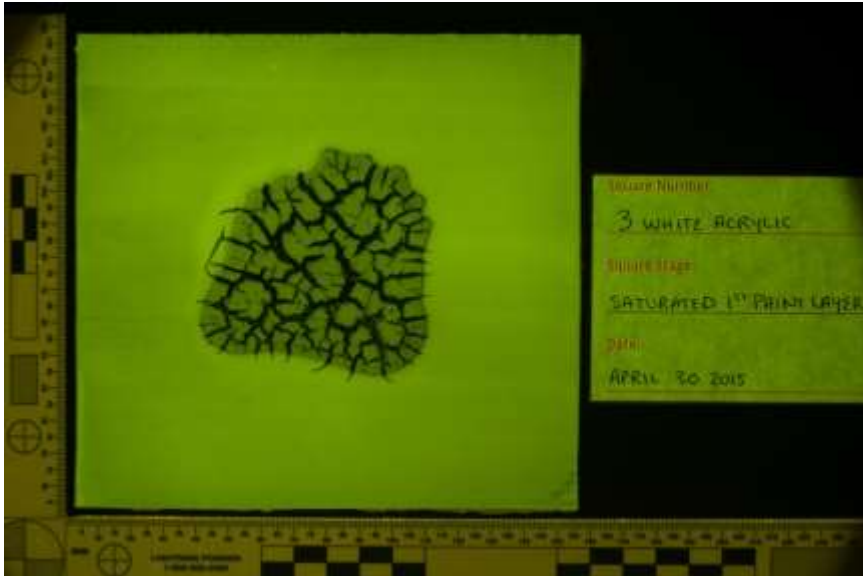
White Acrylic 3 – Saturated



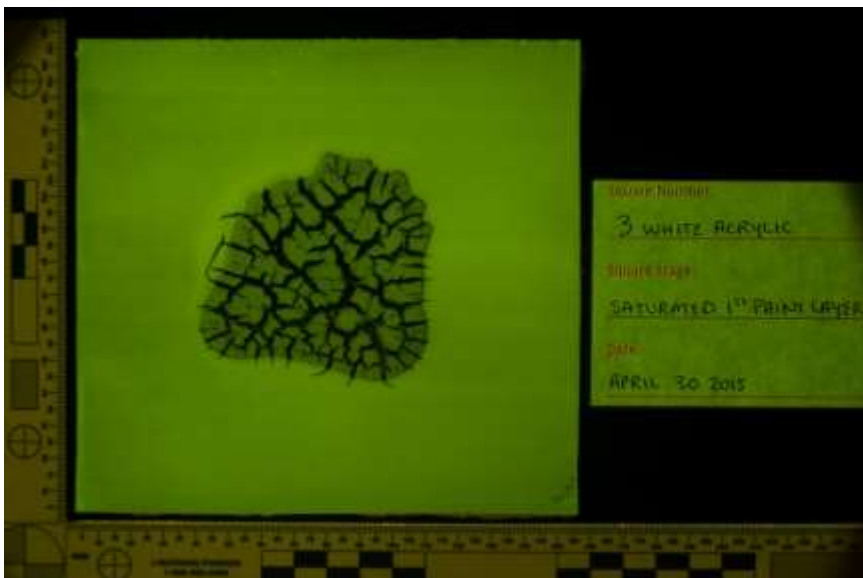
Yellow 415nm HDR



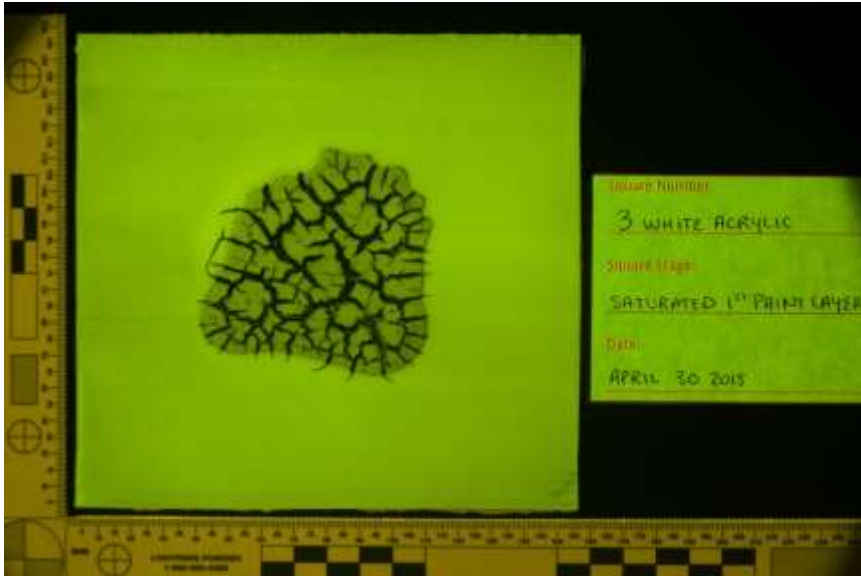
Yellow 415nm Single



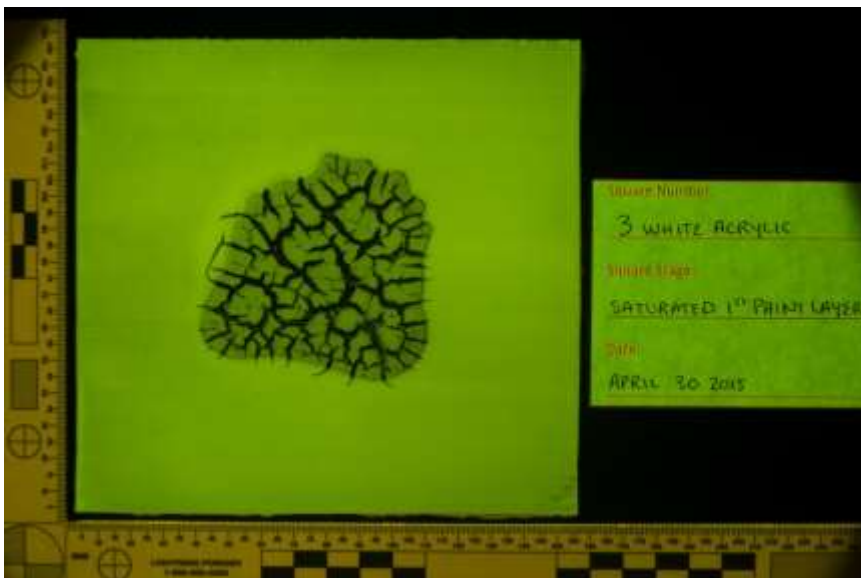
Yellow 445nm HDR



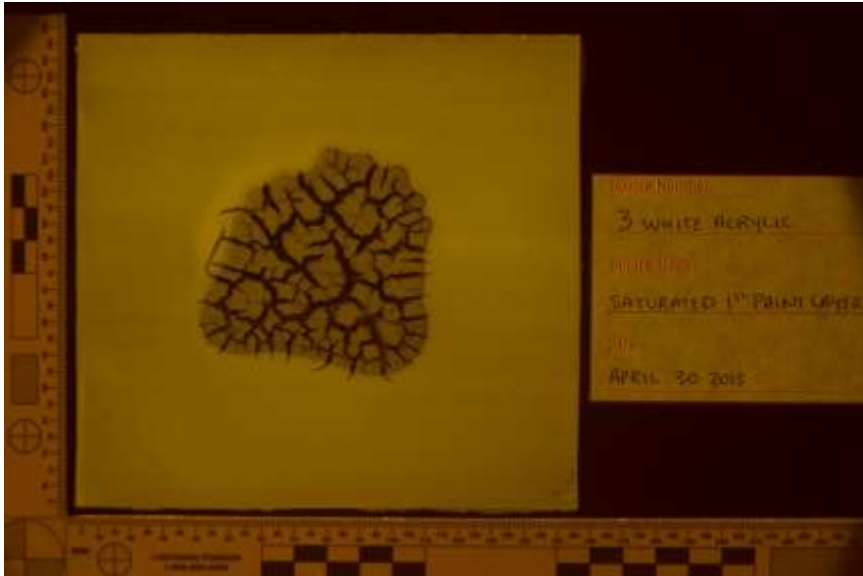
Yellow 445nm Single



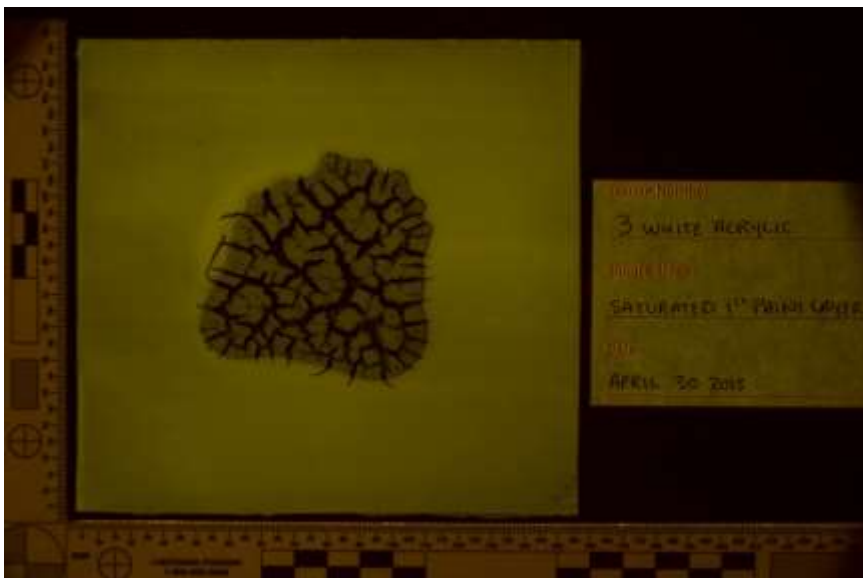
Yellow 455nm HDR



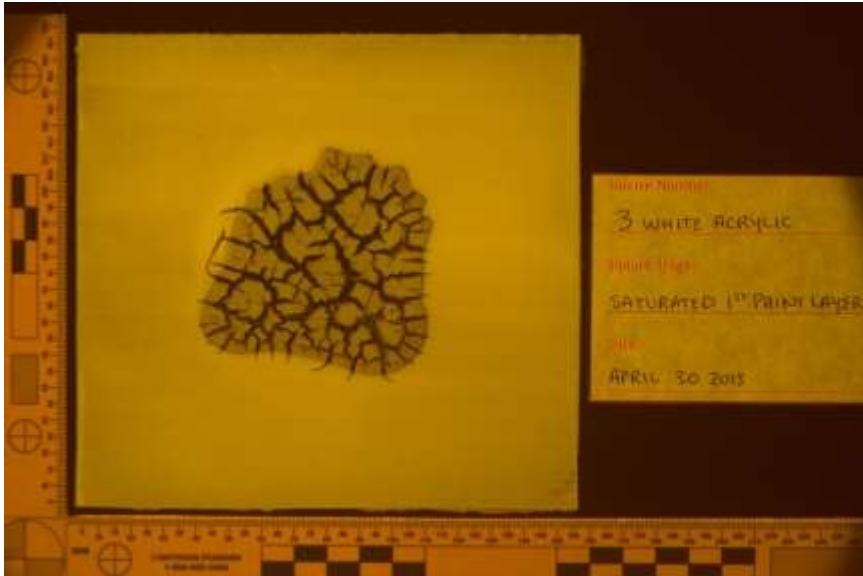
Yellow 455nm Single



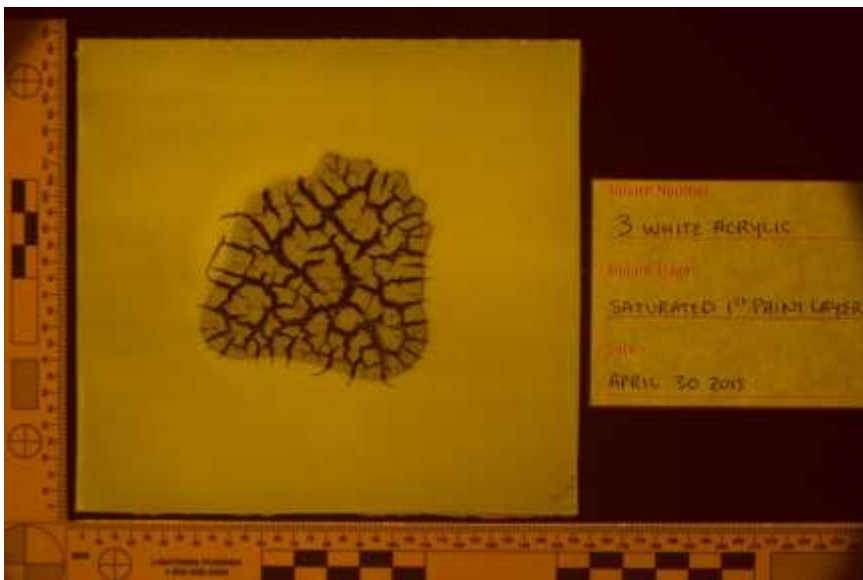
Orange 445nm HDR



Orange 445nm Single



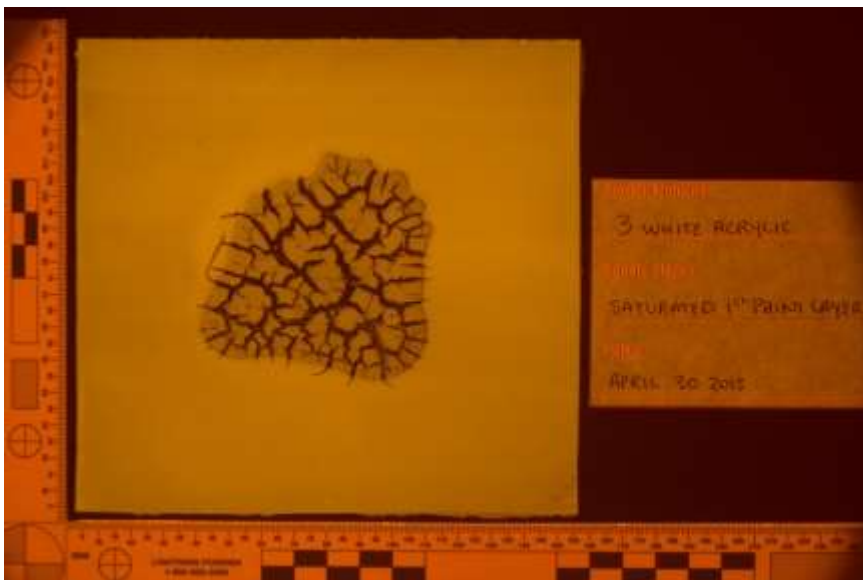
Orange 455nm HDR



Orange 455nm Single

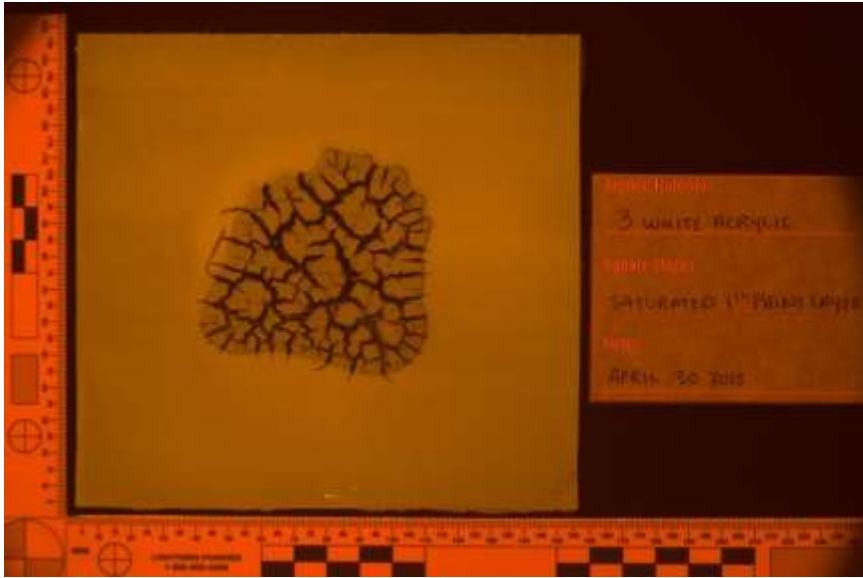


Orange 475nm HDR

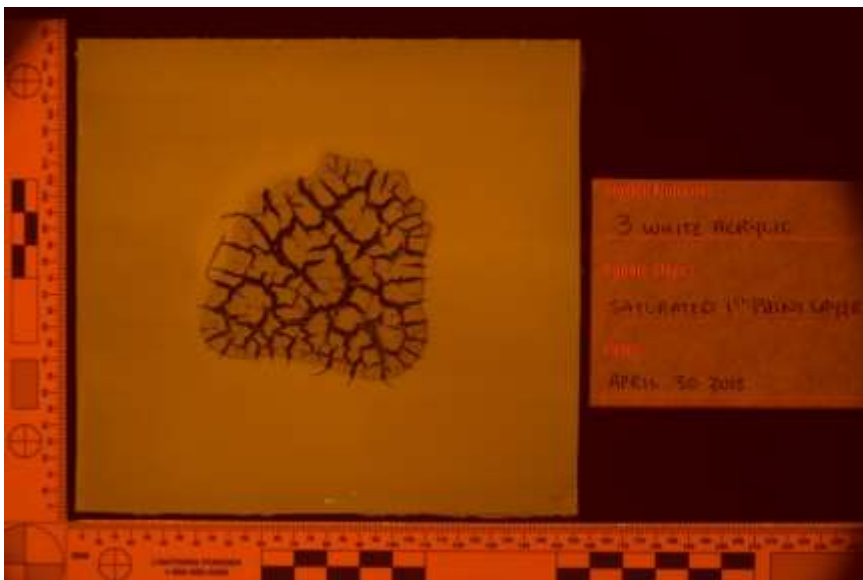


Orange 475nm Single



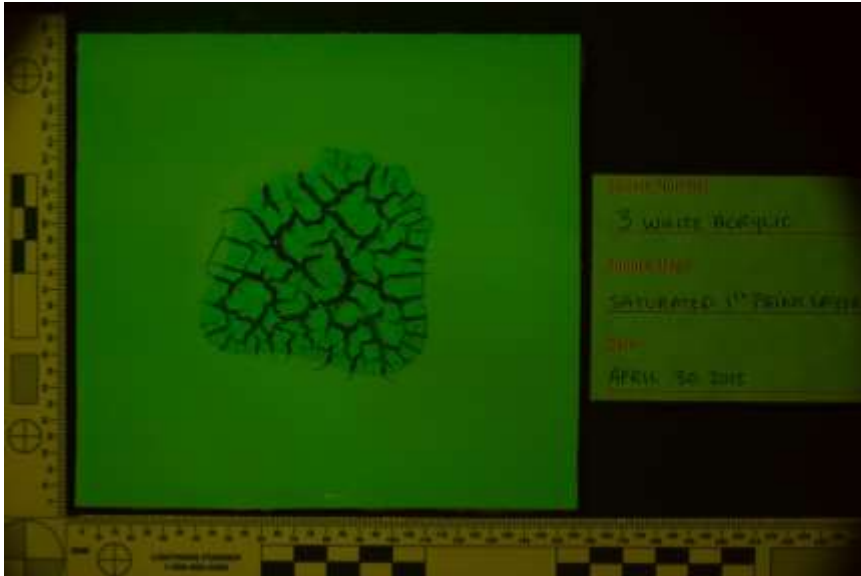


Orange 495nm HDR



Orange 495nm Single





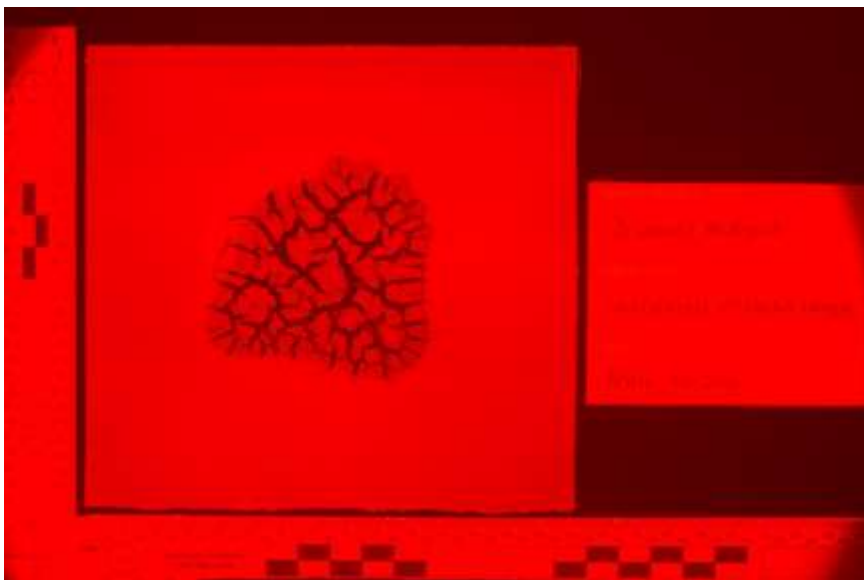
Orange 515nm HDR



Orange 515nm Single

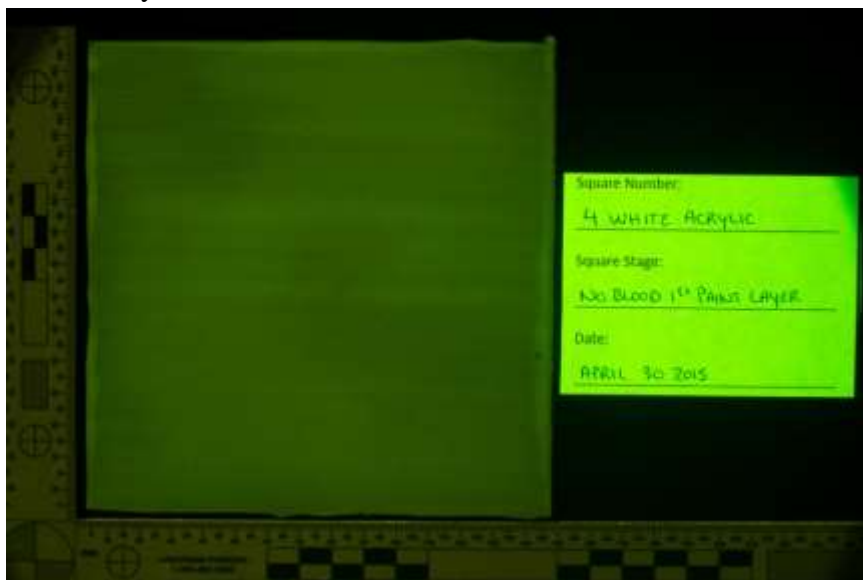


Red 575nm HDR

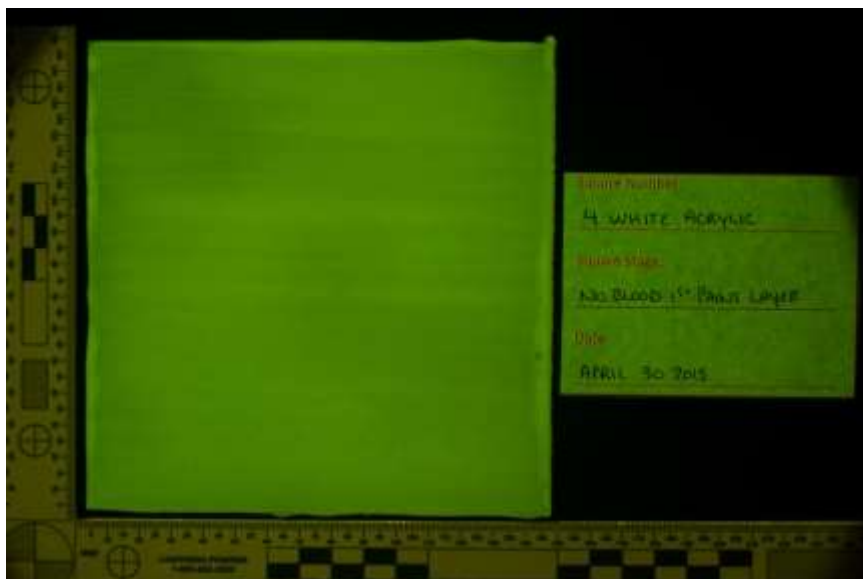


Red 575nm Single

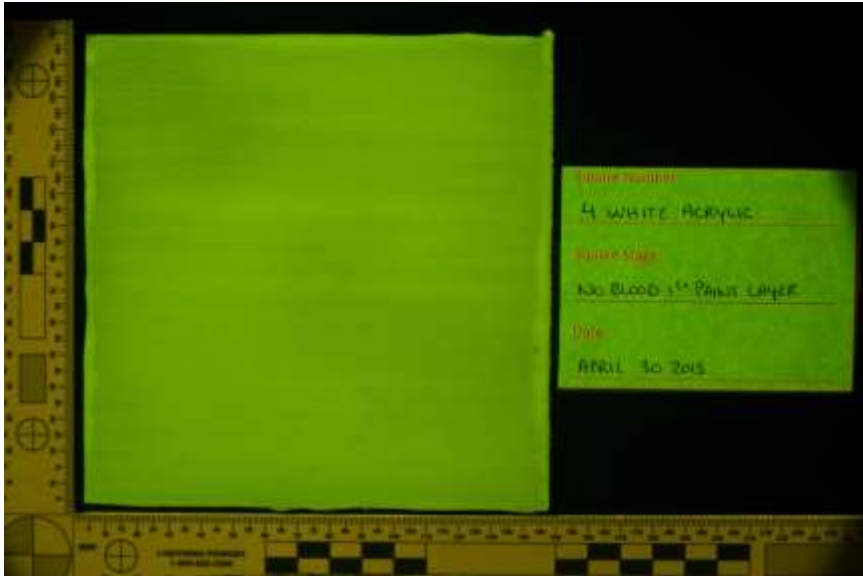
White Acrylic 4 – Control No Bloodstain



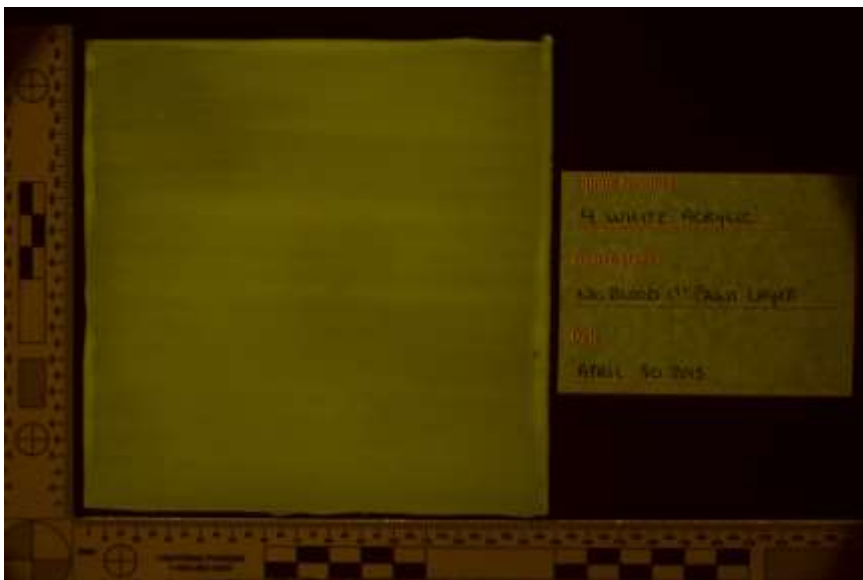
Yellow 415nm HDR



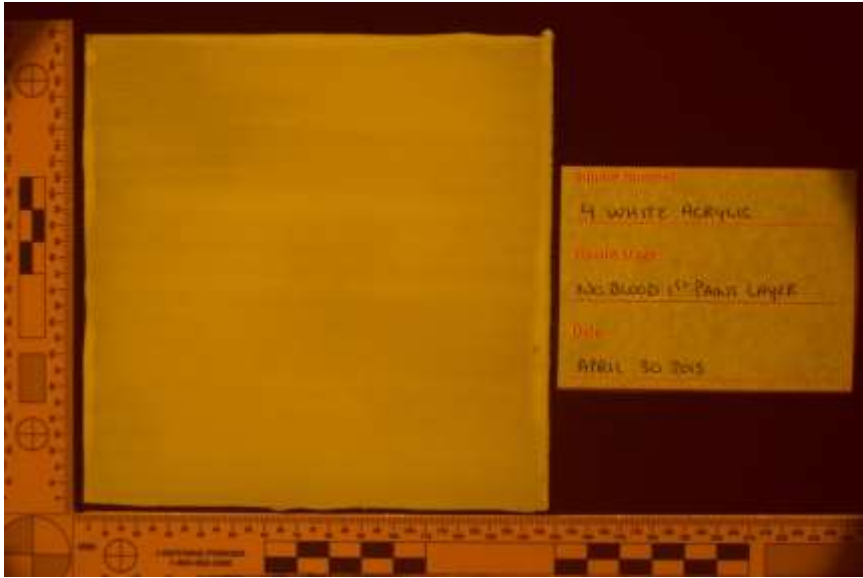
Yellow 445nm HDR



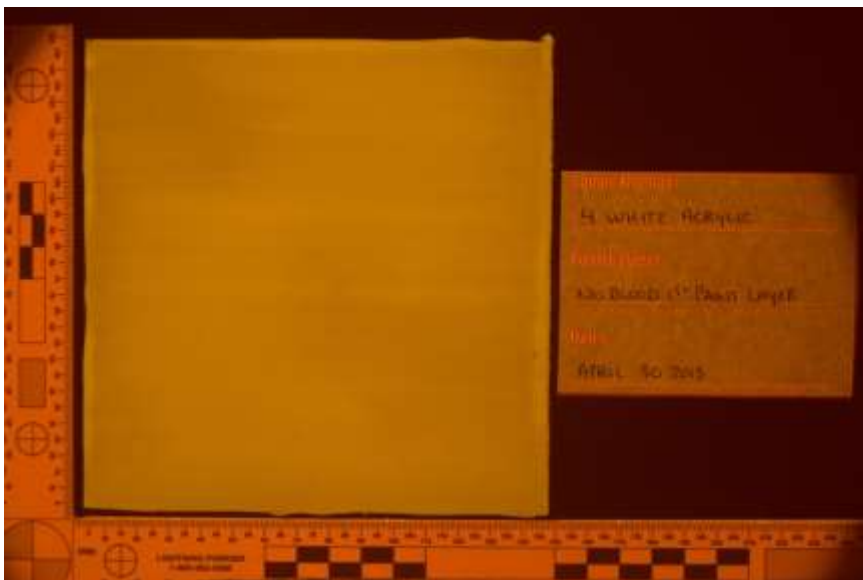
Yellow 455nm HDR



Orange 445nm HDR



Orange 455nm HDR



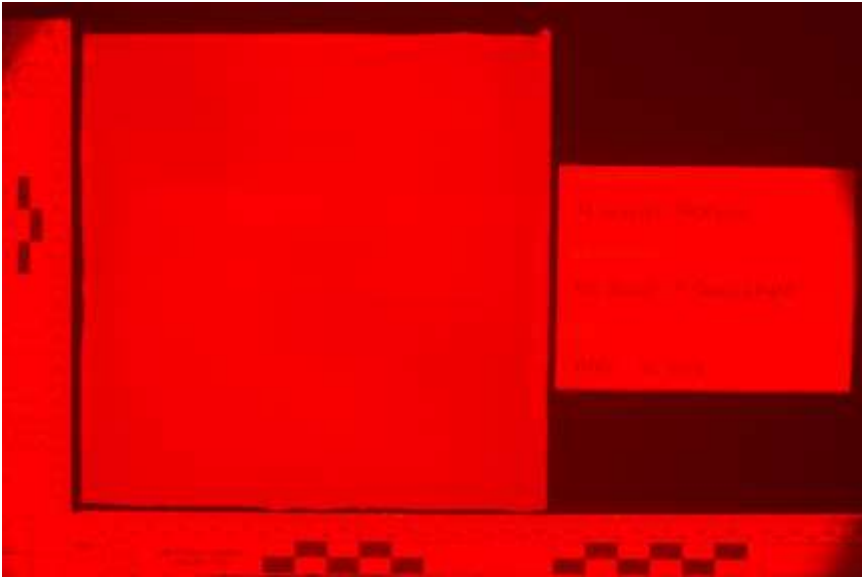
Orange 475nm HDR



Orange 495nm HDR

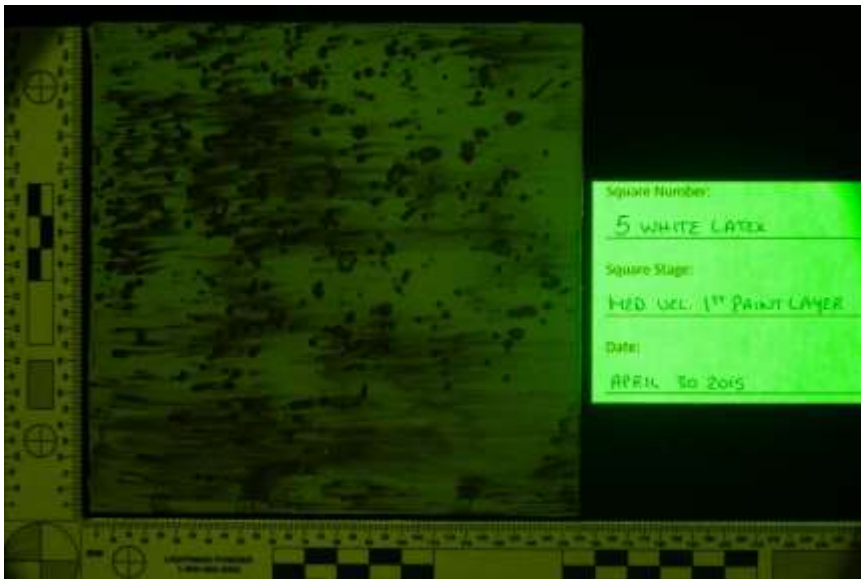


Orange 515nm HDR



Red 575nm HDR

Appendix 4.2.5.2. White Latex – Yellow 415nm, 445nm, 455nm; Orange 445nm, 455nm, 475nm, 495nm, 515nm; Red 575nm First layer of paint stage  
White Latex 5 – Medium Velocity



Yellow 415nm HDR



Yellow 415nm Single





Yellow 445nm HDR



Yellow 445nm Single



Yellow 455nm HDR



Yellow 455nm Single



Orange 445nm HDR



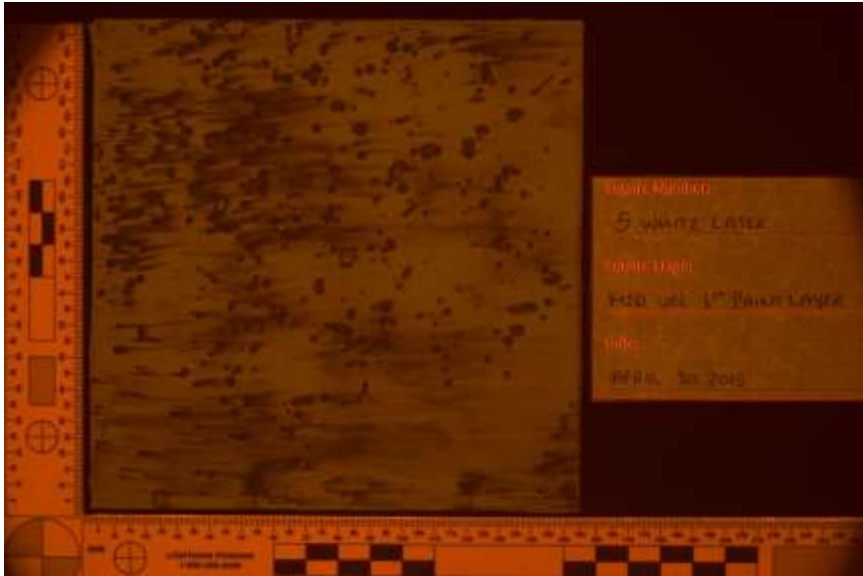
Orange 445nm Single



Orange 455nm HDR



Orange 455nm Single

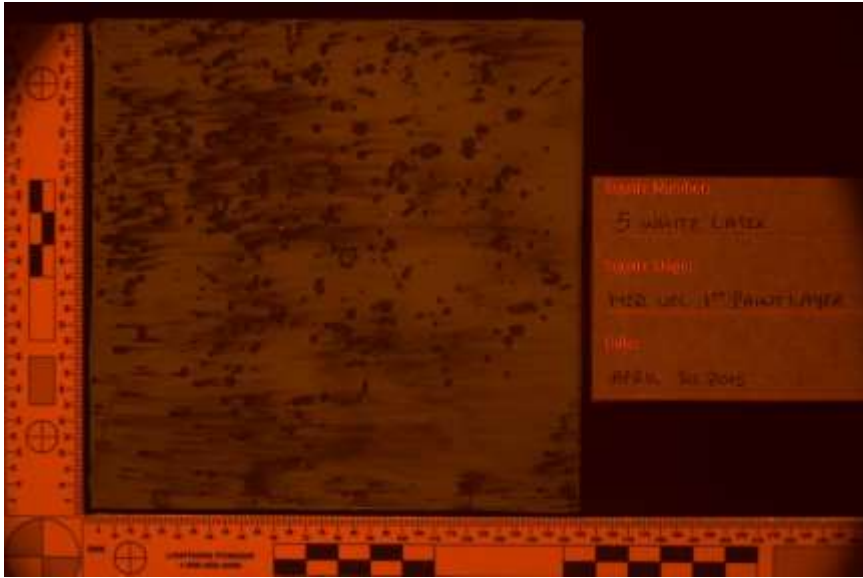


Orange 475nm HDR

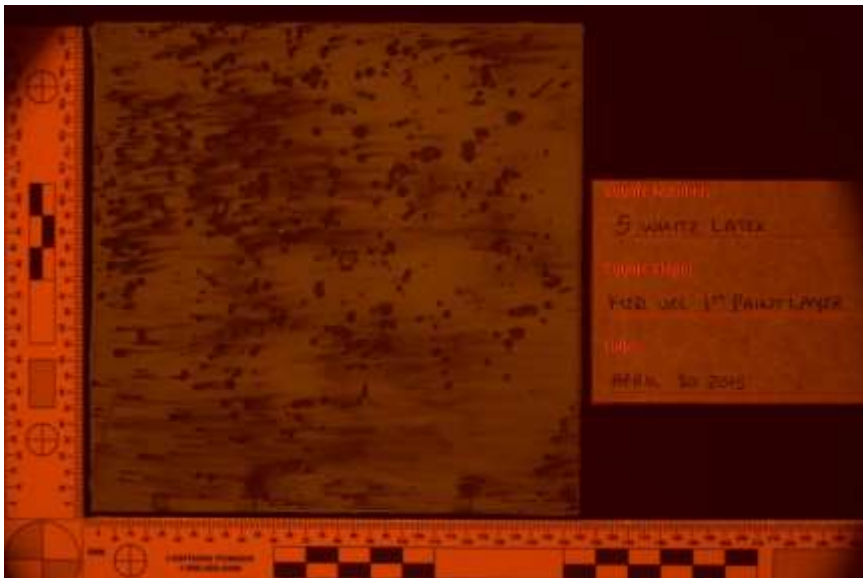


Orange 475nm Single

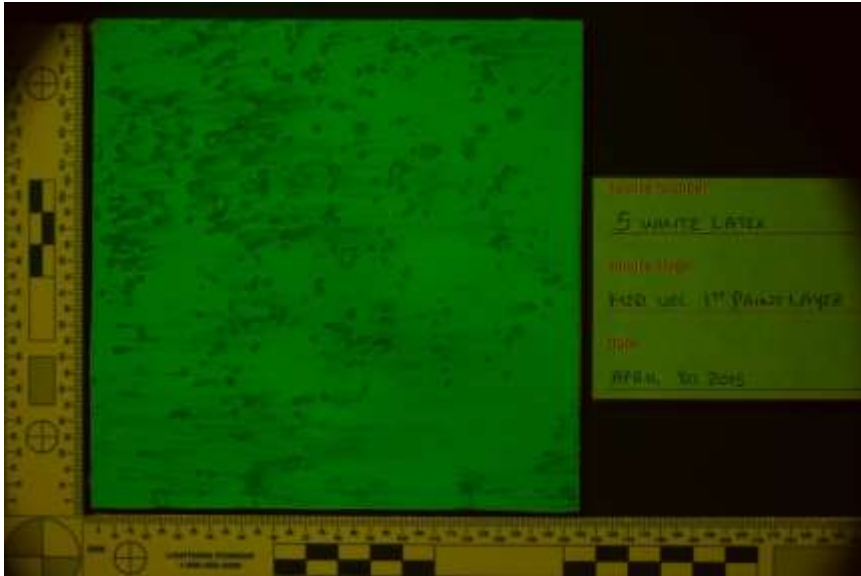




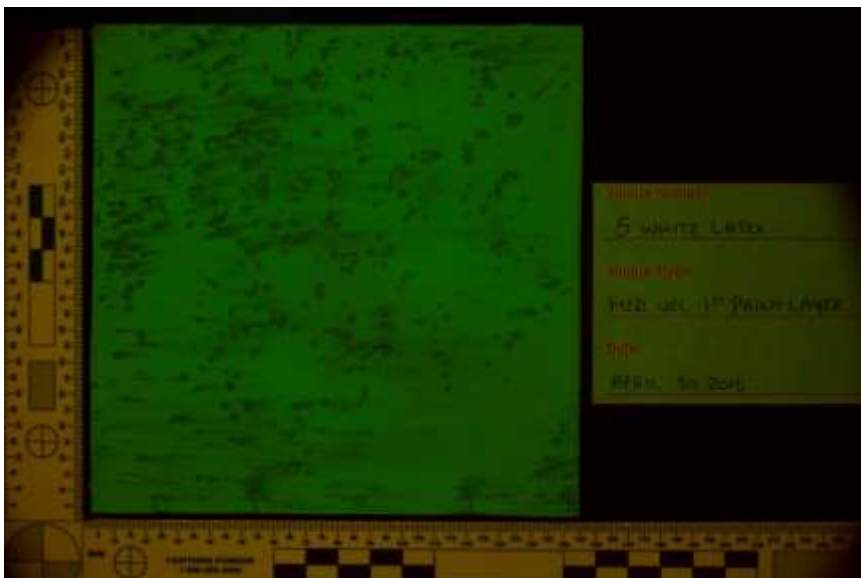
Orange 495nm HDR



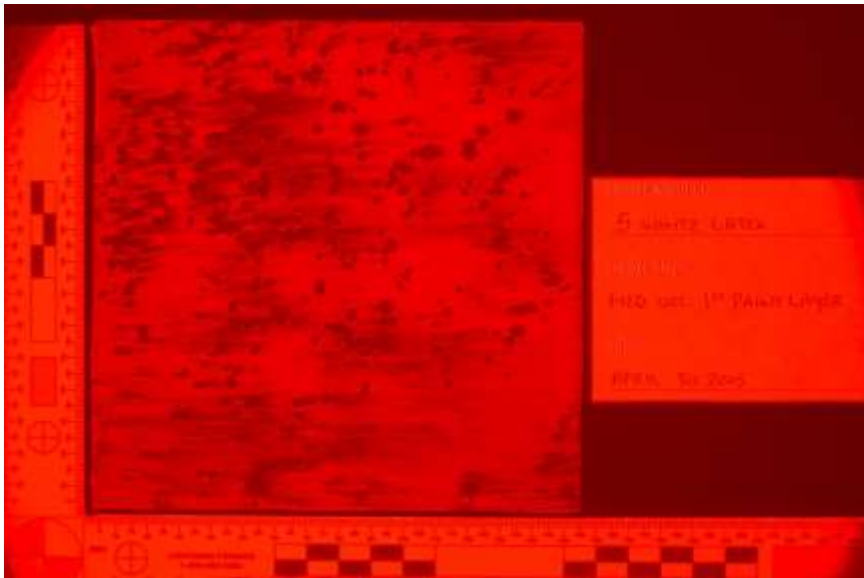
Orange 495nm Single



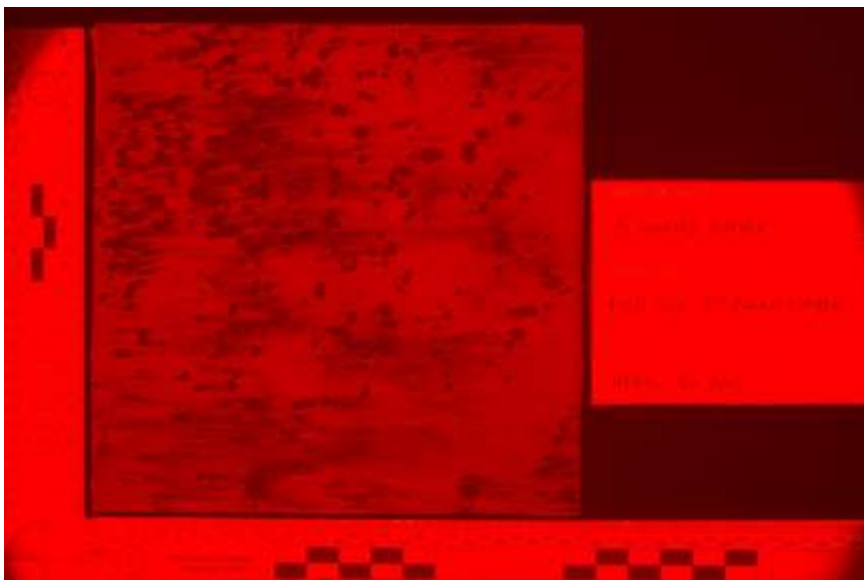
Orange 515nm HDR



Orange 515nm Single



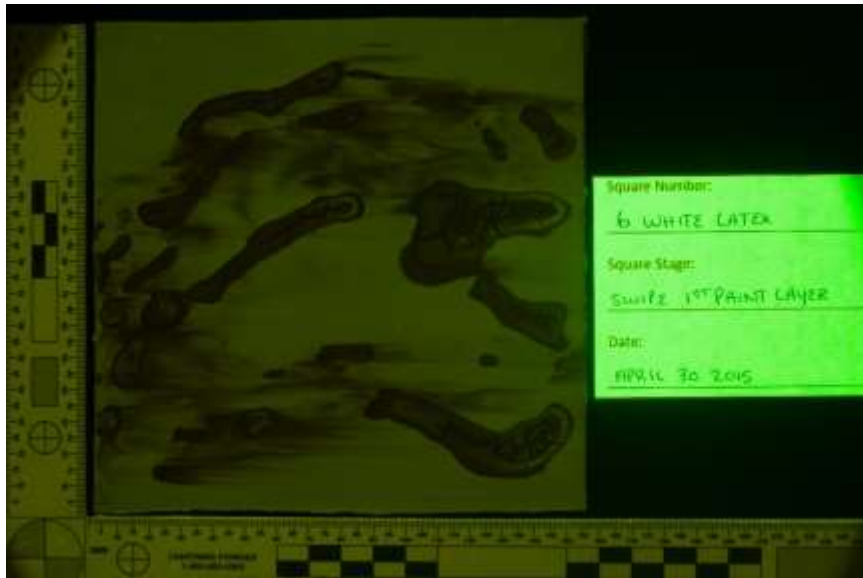
Red 575nm HDR



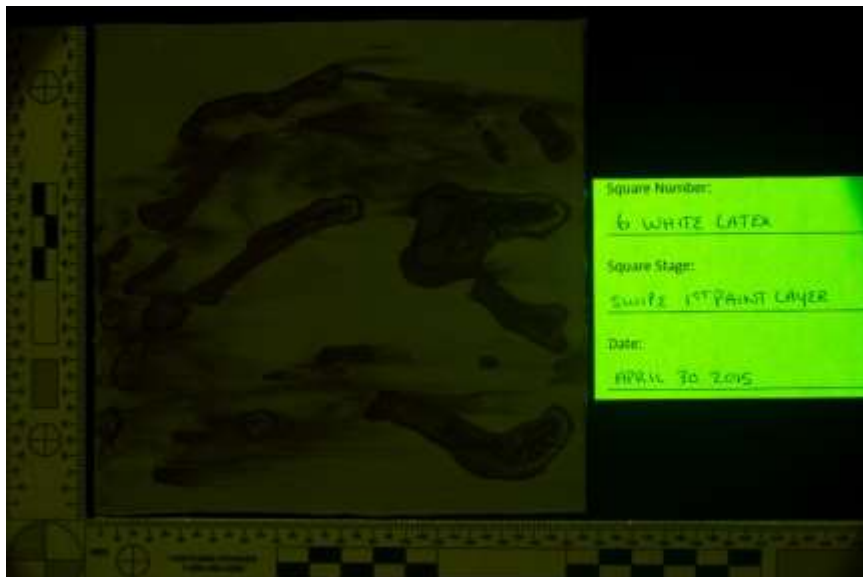
Red 575nm Single



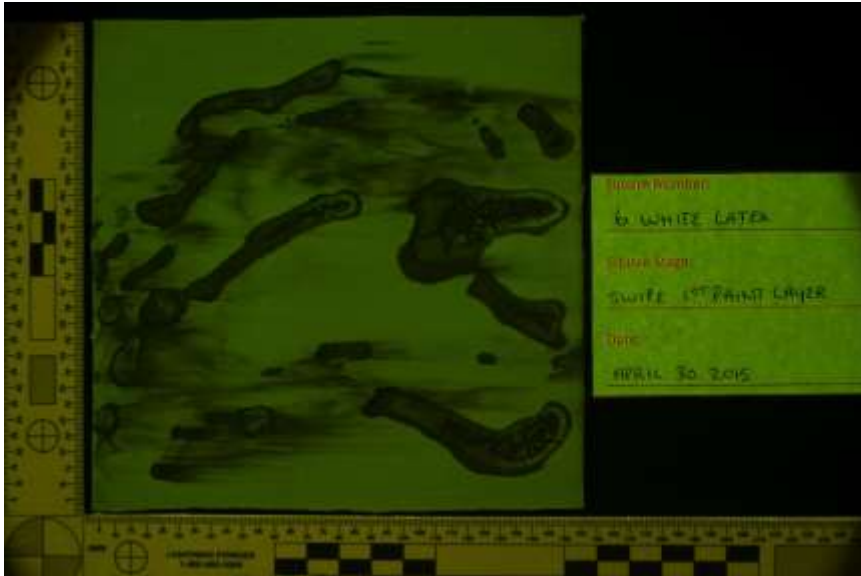
White Latex 6 – Swipe



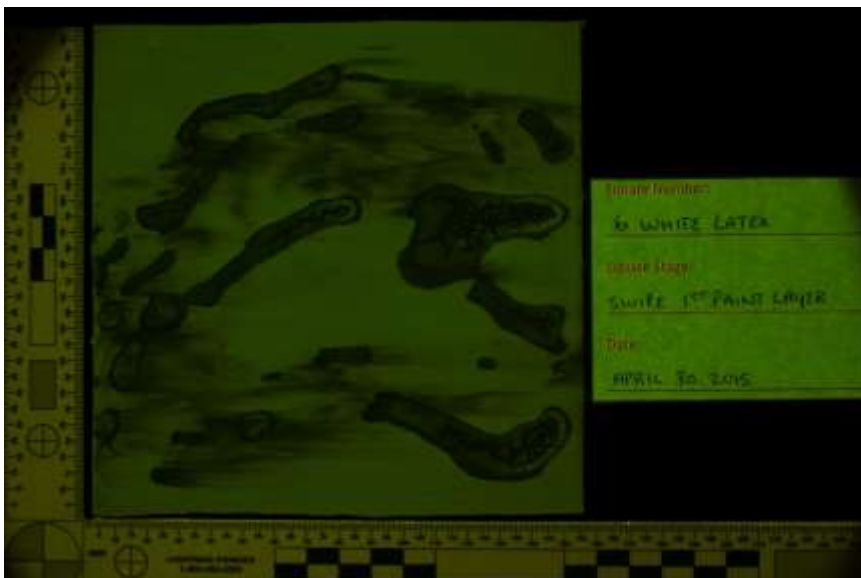
Yellow 415nm HDR



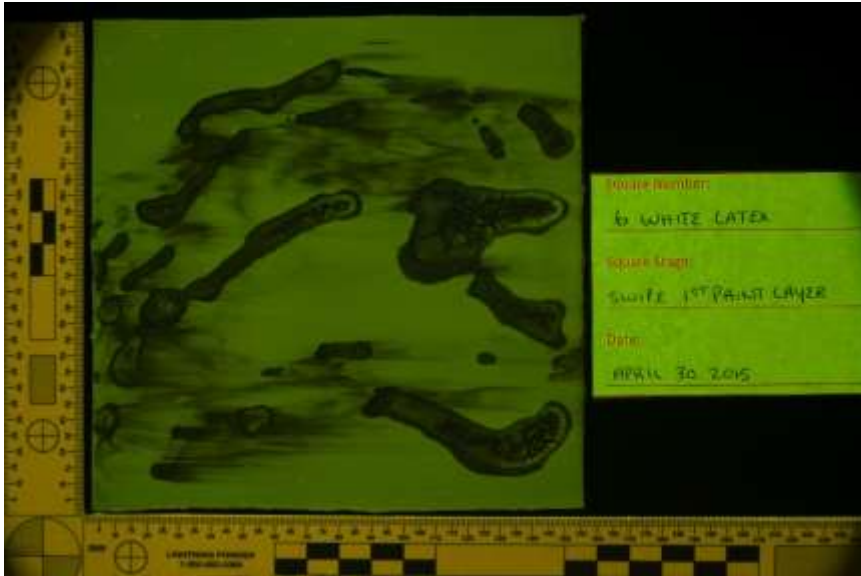
Yellow 415nm Single



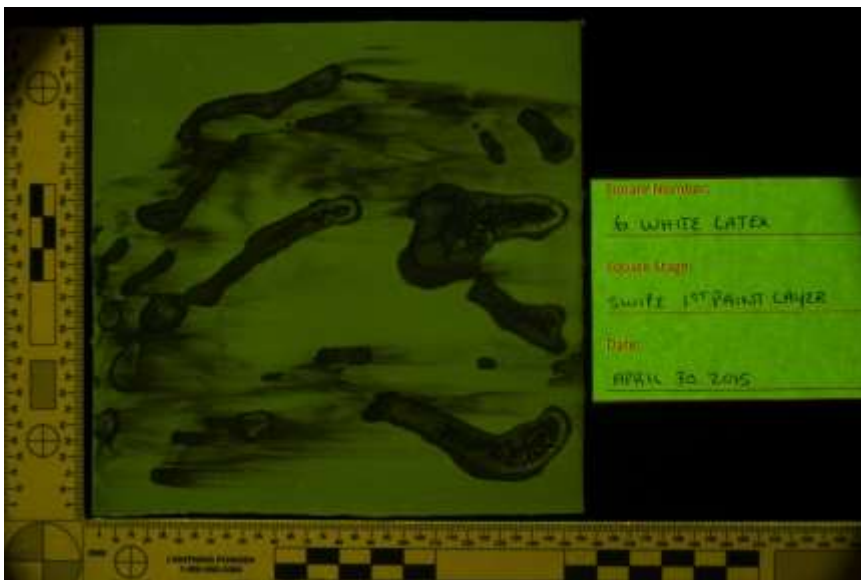
Yellow 445nm HDR



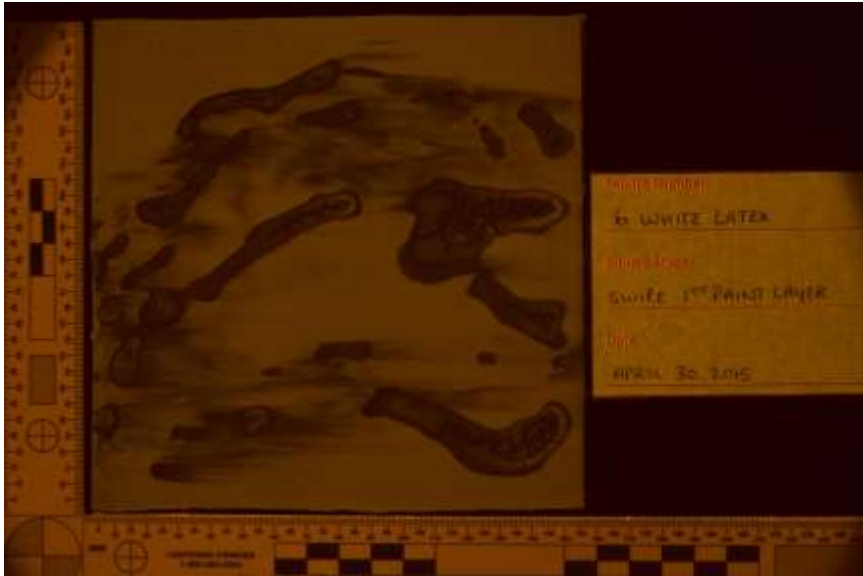
Yellow 445nm Single



Yellow 455nm HDR



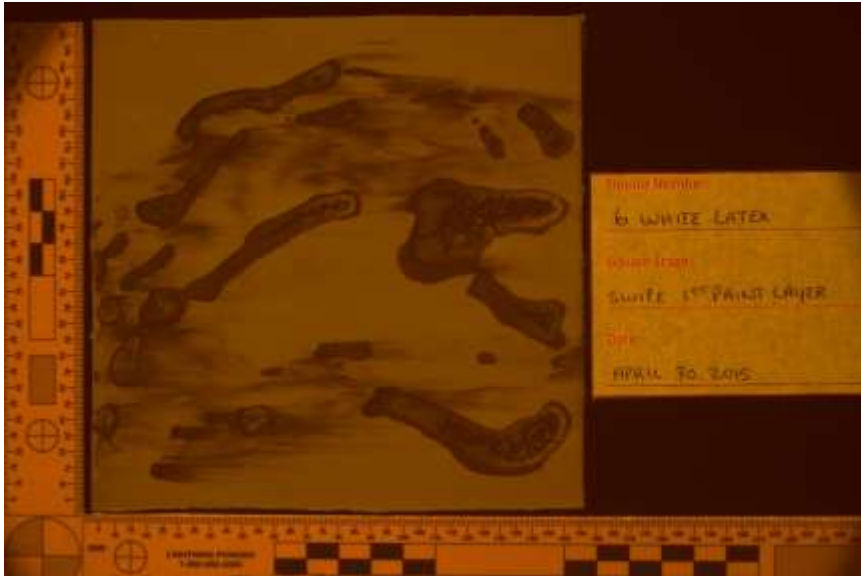
Yellow 455nm Single



Orange 445nm HDR



Orange 445nm Single



Orange 455nm HDR



Orange 455nm Single

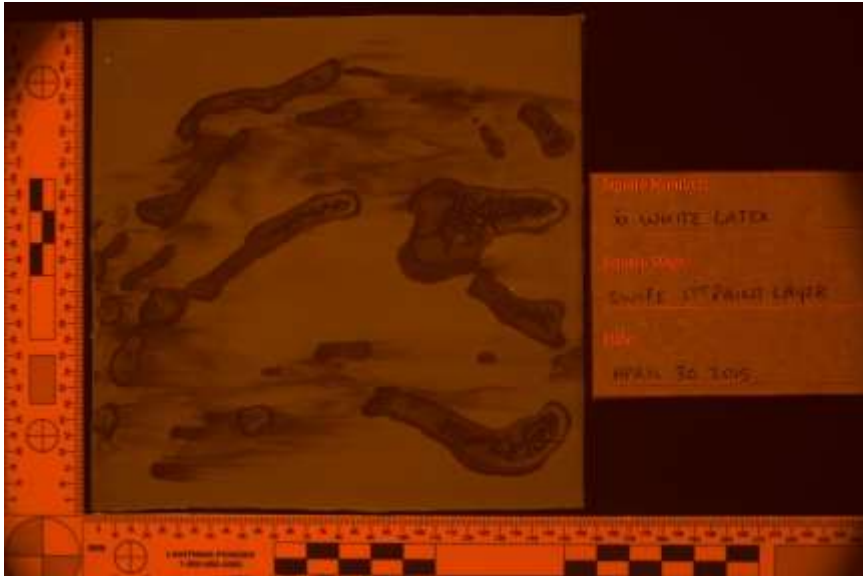


Orange 475nm HDR

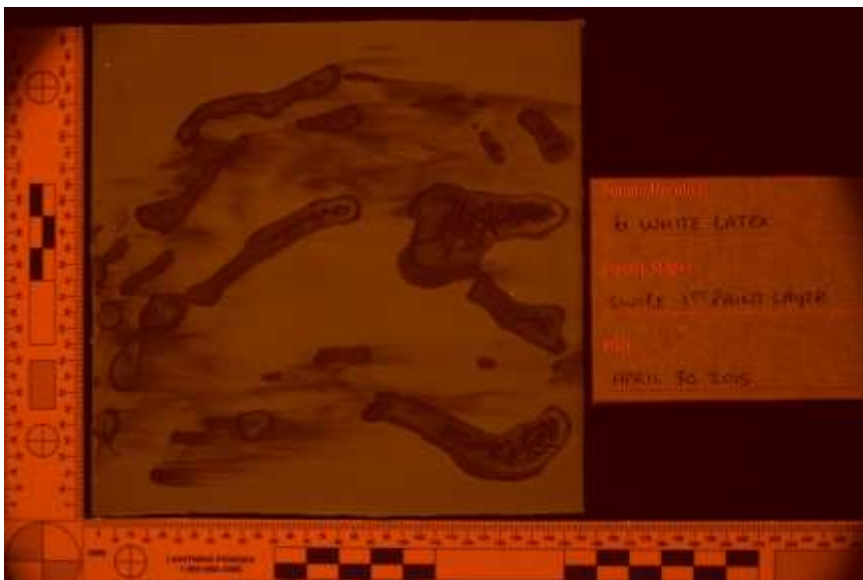


Orange 475nm Single





Orange 495nm HDR



Orange 495nm Single



Orange 515nm HDR

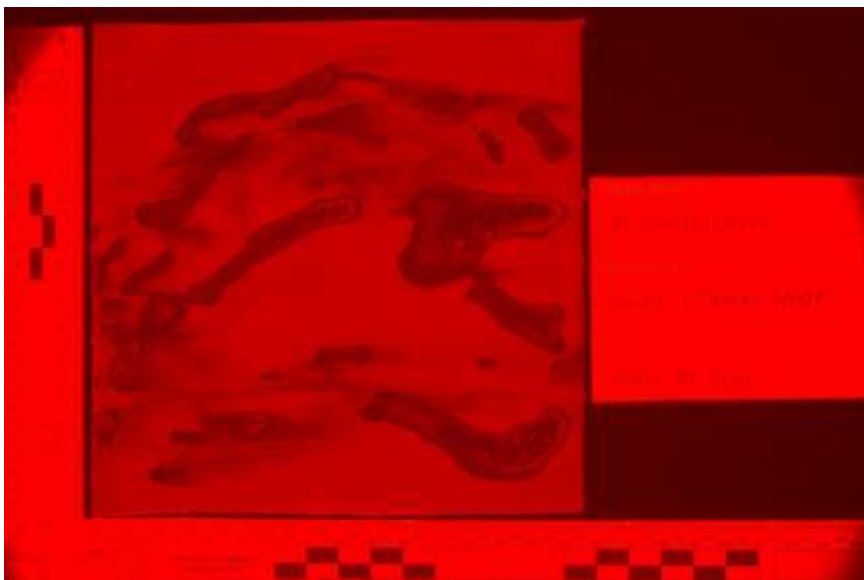


Orange 515nm Single



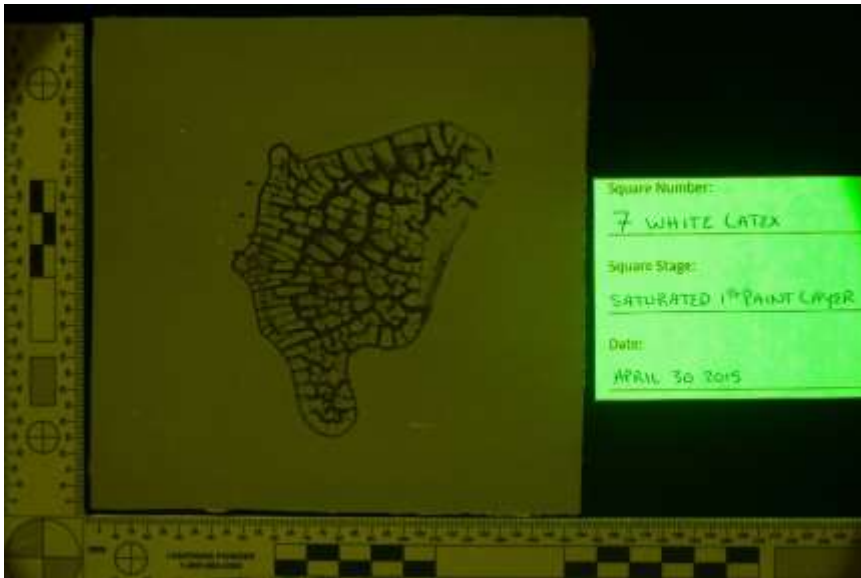


Red 575nm HDR

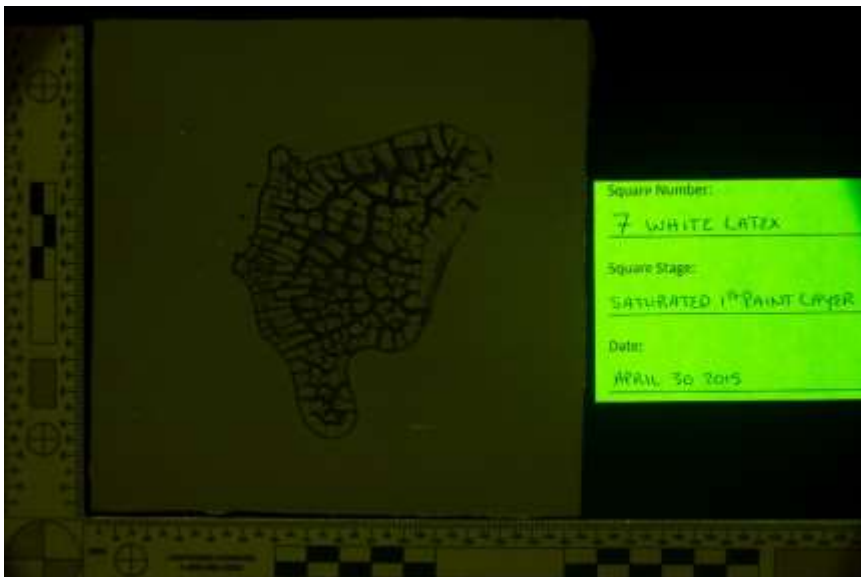


Red 575nm Single

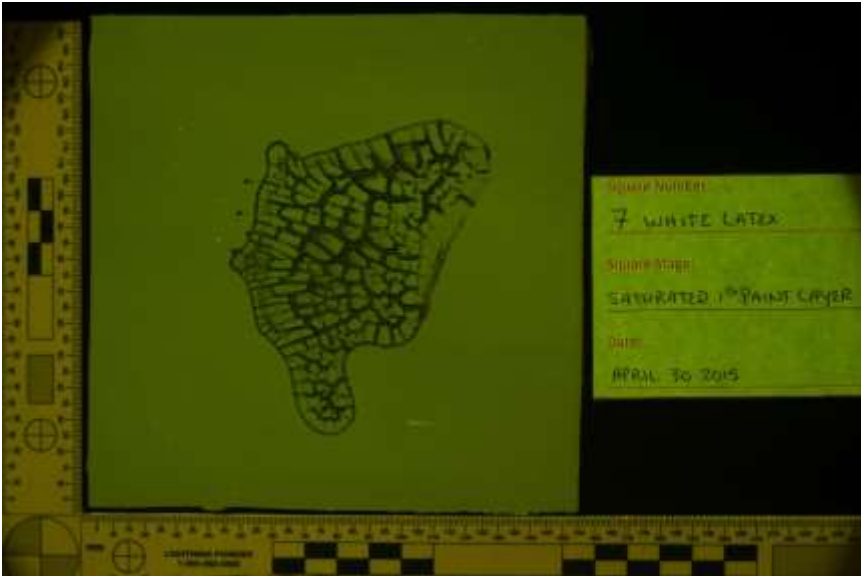
White Latex 7 – Saturated



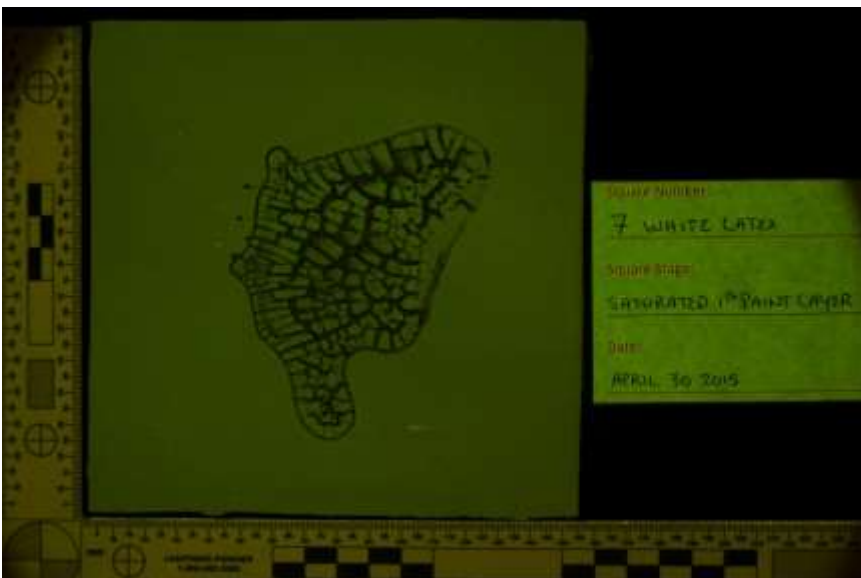
Yellow 415nm HDR



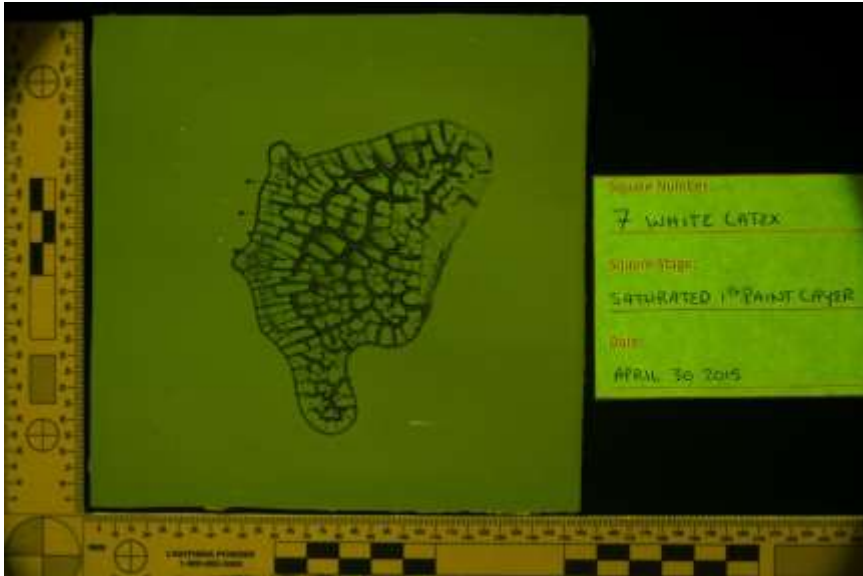
Yellow 415nm Single



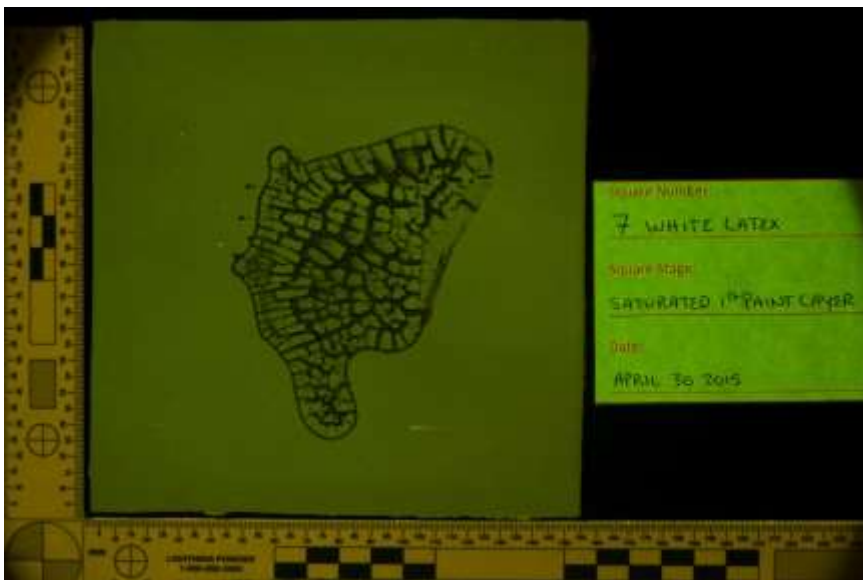
Yellow 445nm HDR



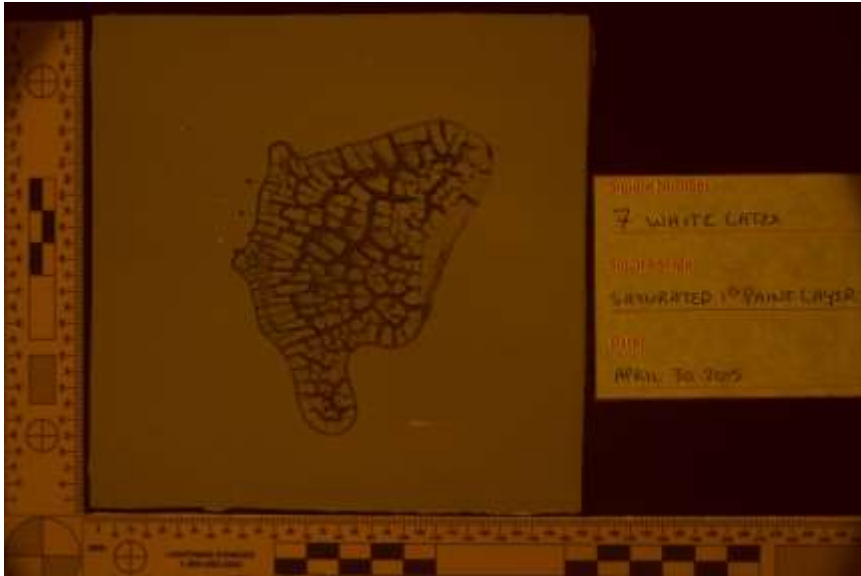
Yellow 445nm Single



Yellow 455nm HDR



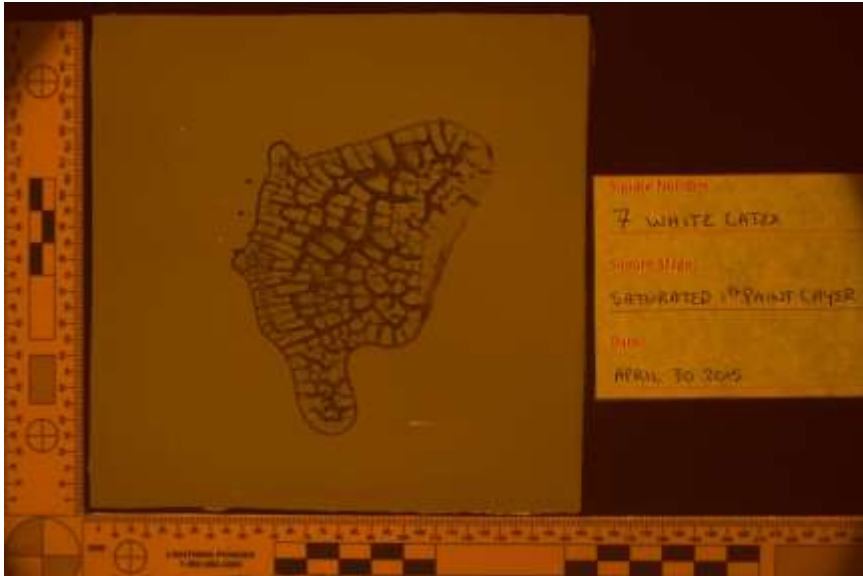
Yellow 455nm Single



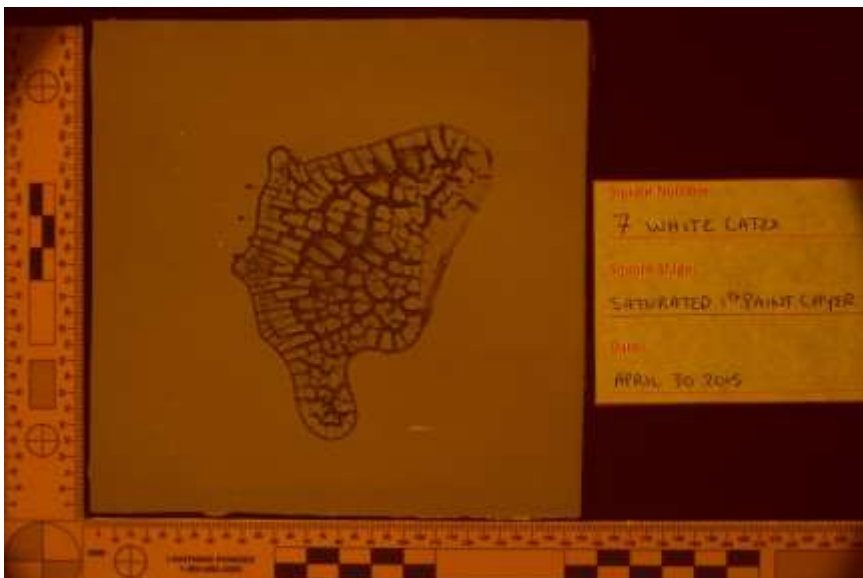
Orange 445nm HDR



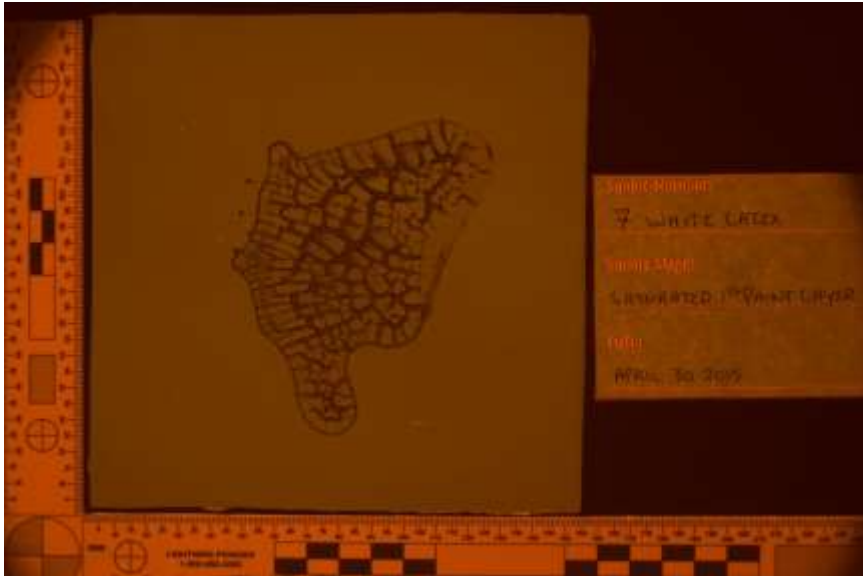
Orange 445nm Single



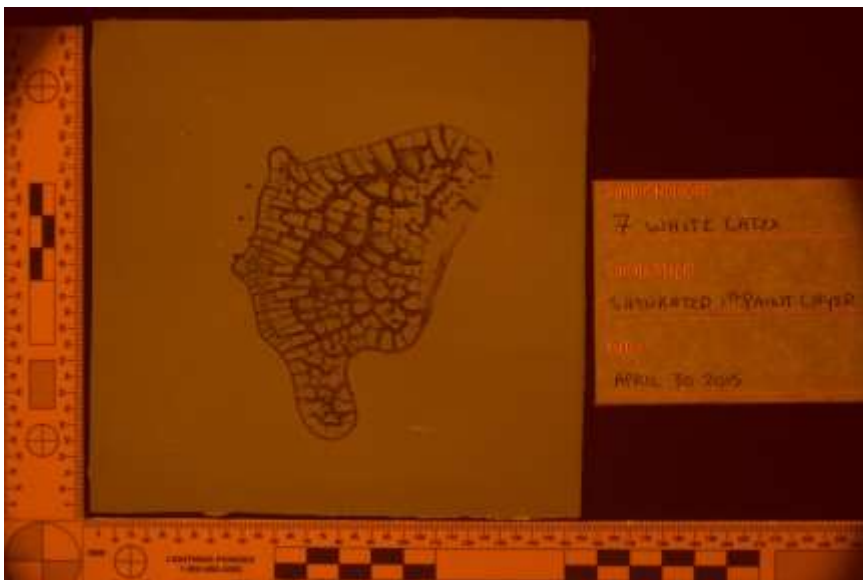
Orange 455nm HDR



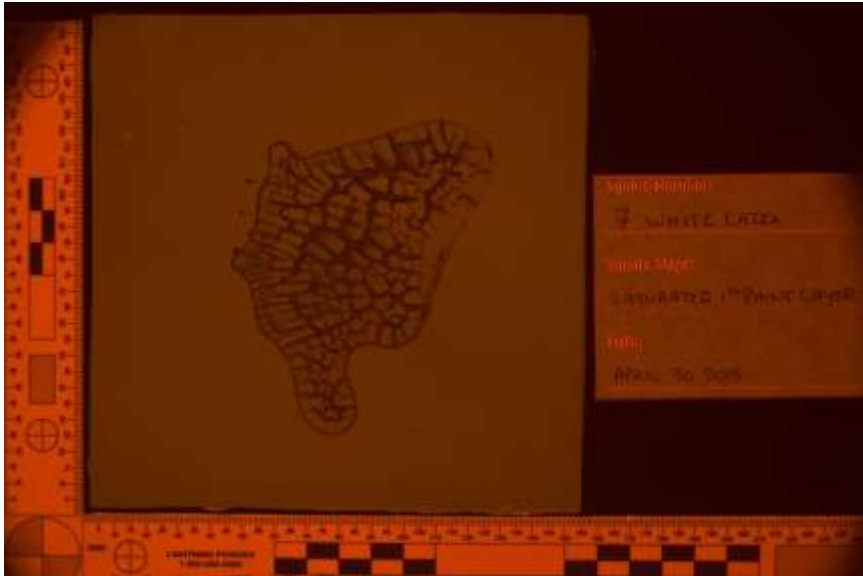
Orange 455nm Single



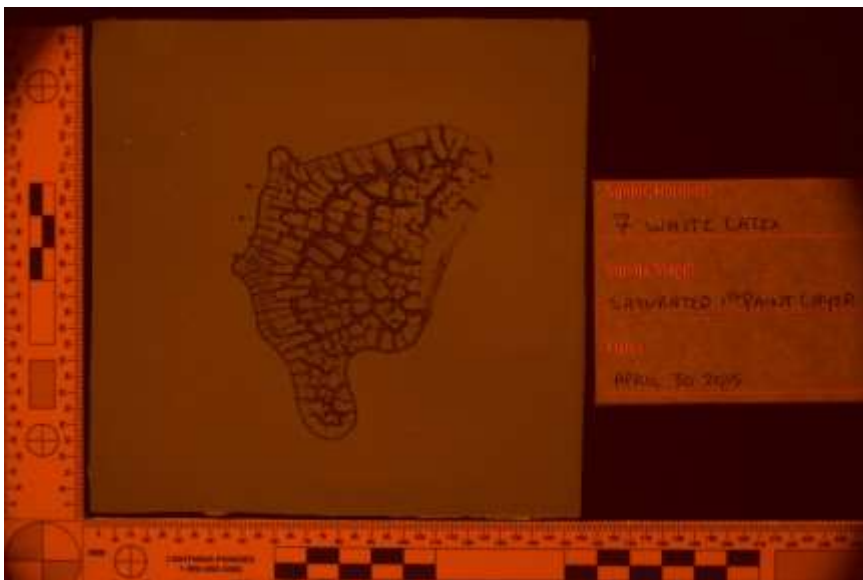
Orange 475nm HDR



Orange 475nm Single

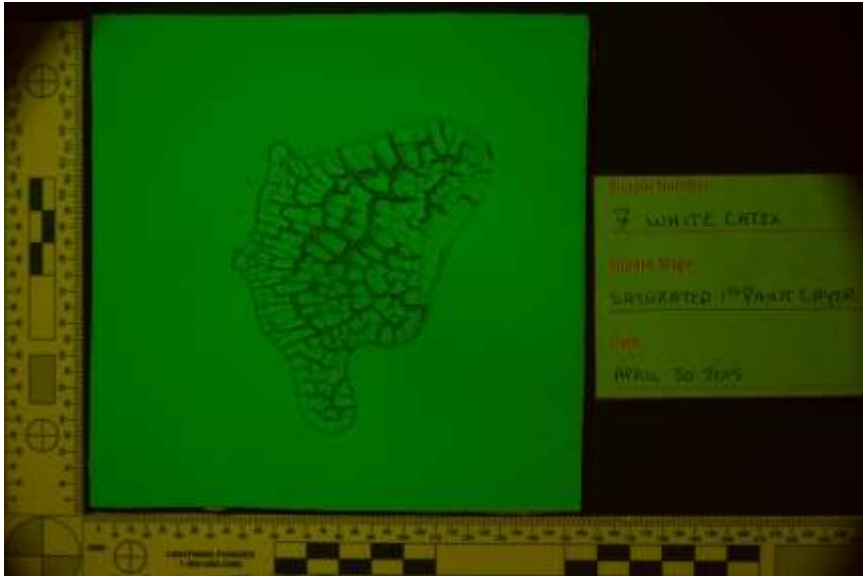


Orange 495nm HDR

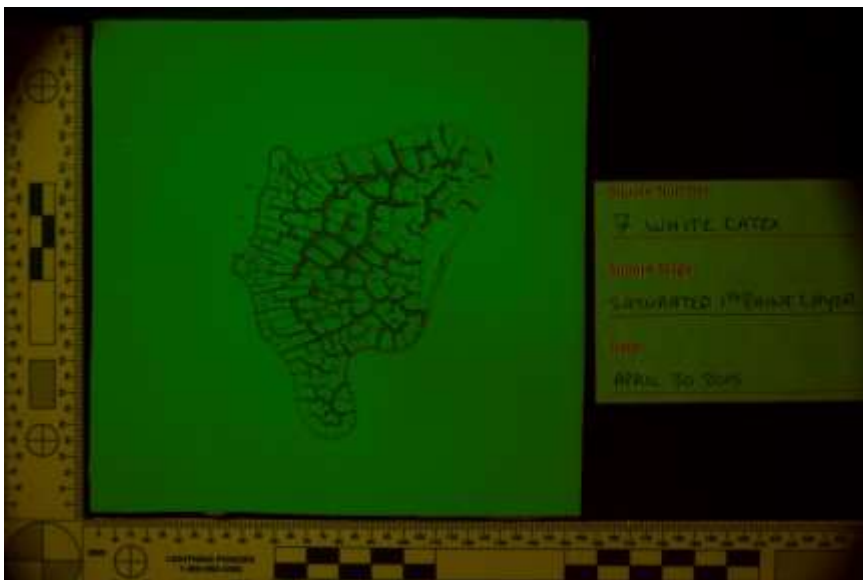


Orange 495nm Single

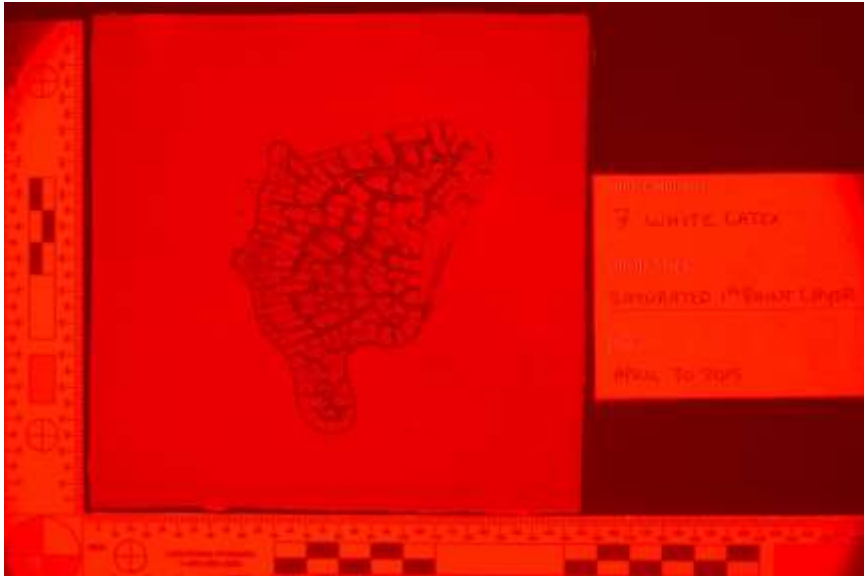




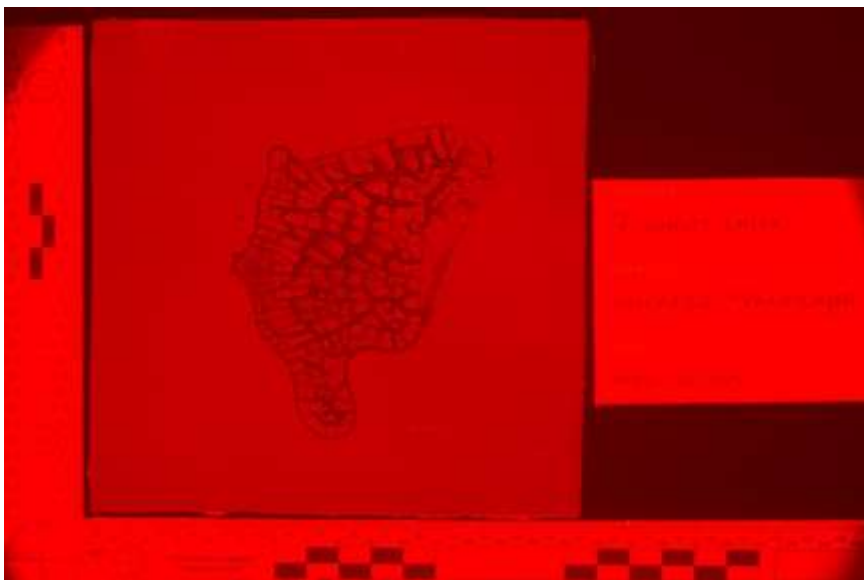
Orange 515nm HDR



Orange 515nm Single



Red 575nm HDR



Red 575nm Single

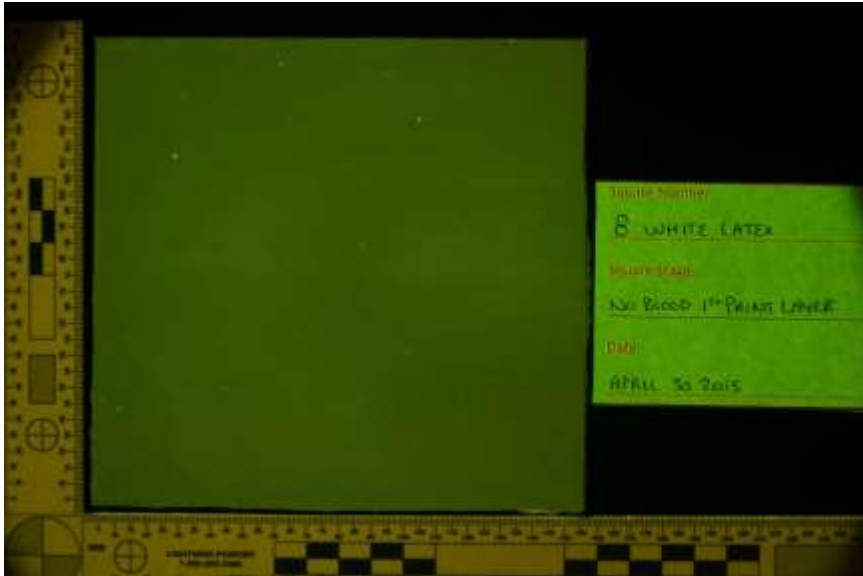
White Latex 8 – Control No Bloodstain



Yellow 415nm HDR



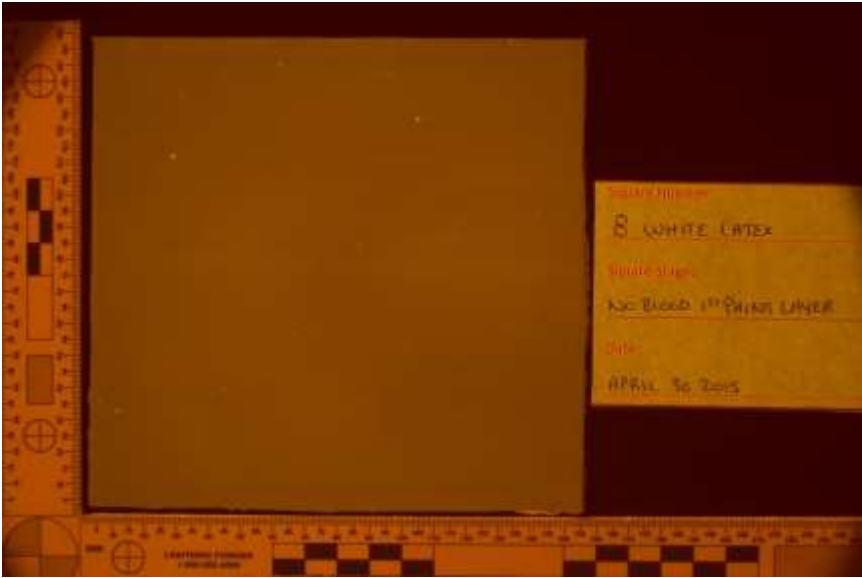
Yellow 445nm HDR



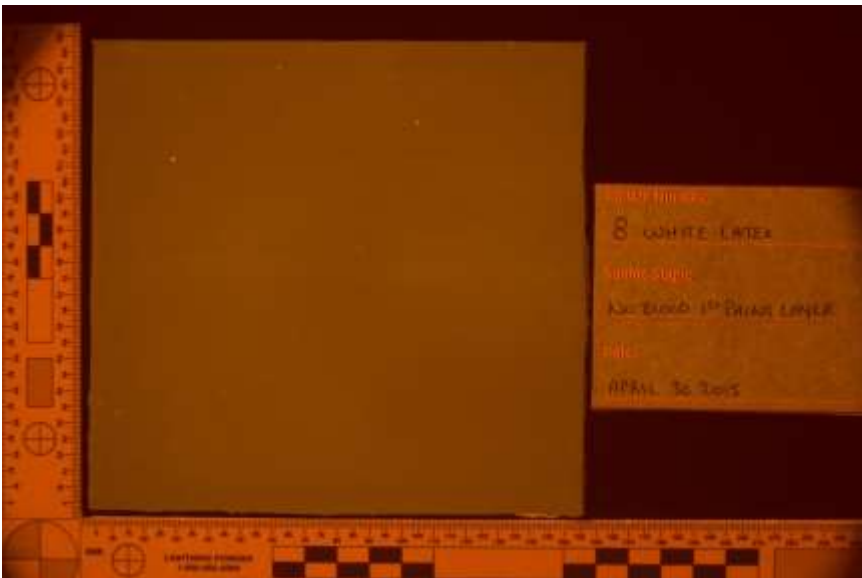
Yellow 455nm HDR



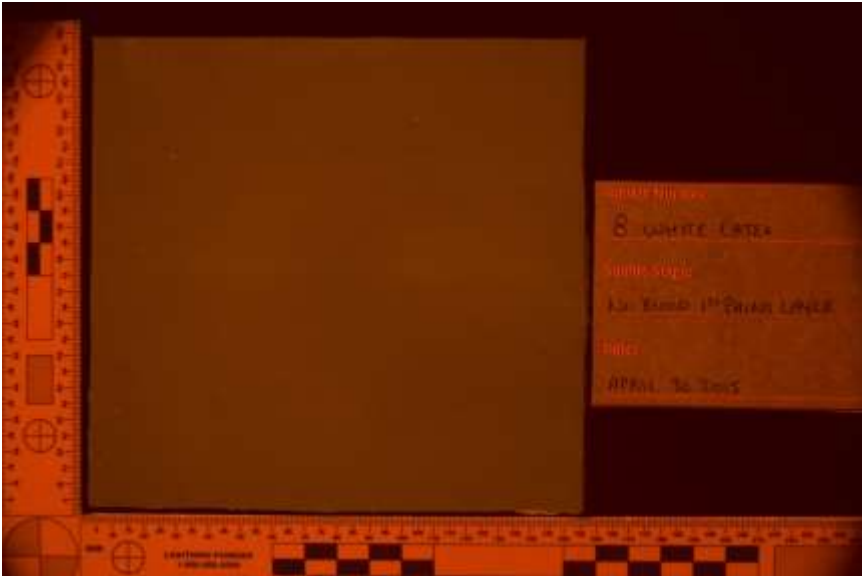
Orange 445nm HDR



Orange 455nm HDR



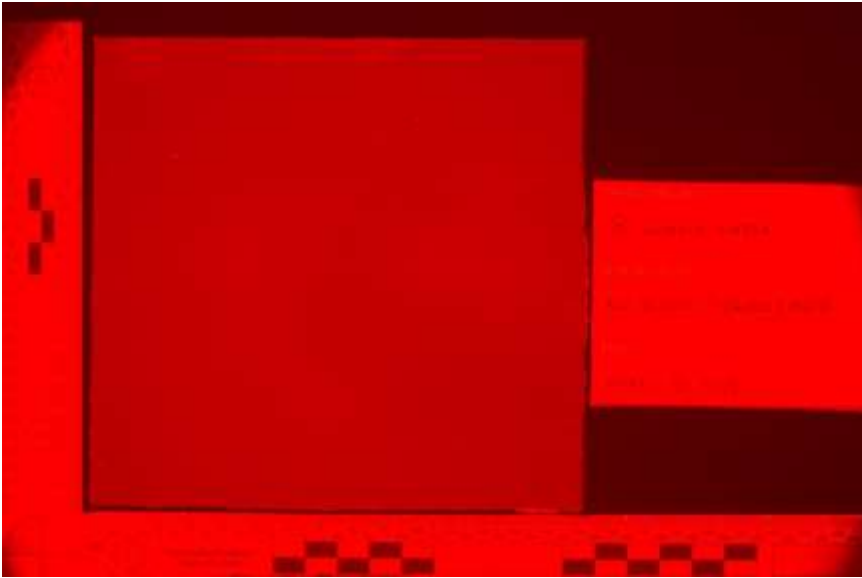
Orange 475nm HDR



Orange 495nm HDR

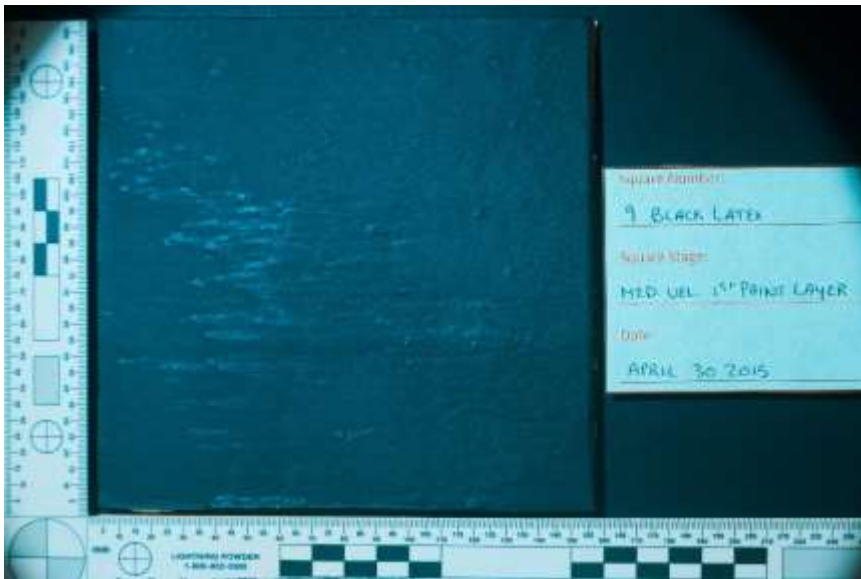


Orange 515nm HDR



Red 575nm HDR

Appendix 4.2.5.3. Black Latex – Yellow 475nm, 495nm, 670nm; Orange 555nm, 600nm, 670nm; Red 600nm First layer of paint stage  
Black Latex 9 – Medium Velocity

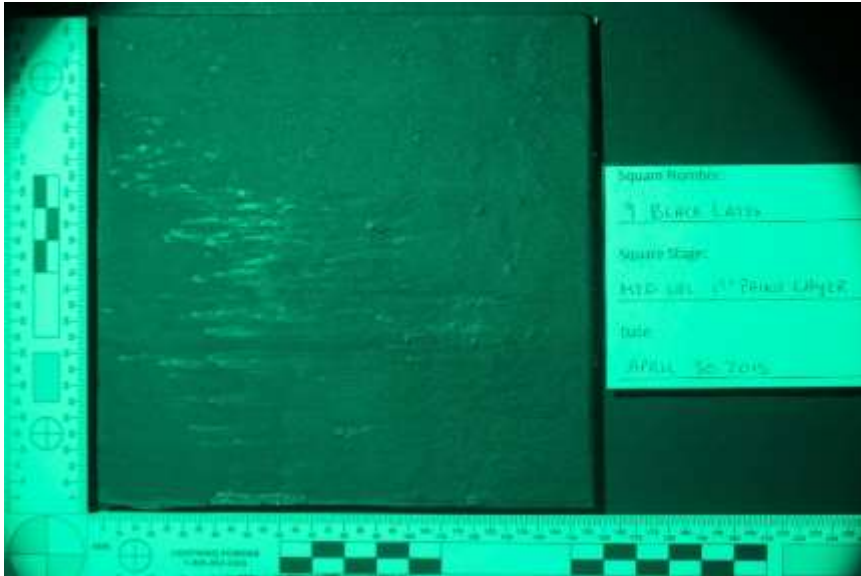


Yellow 475nm HDR

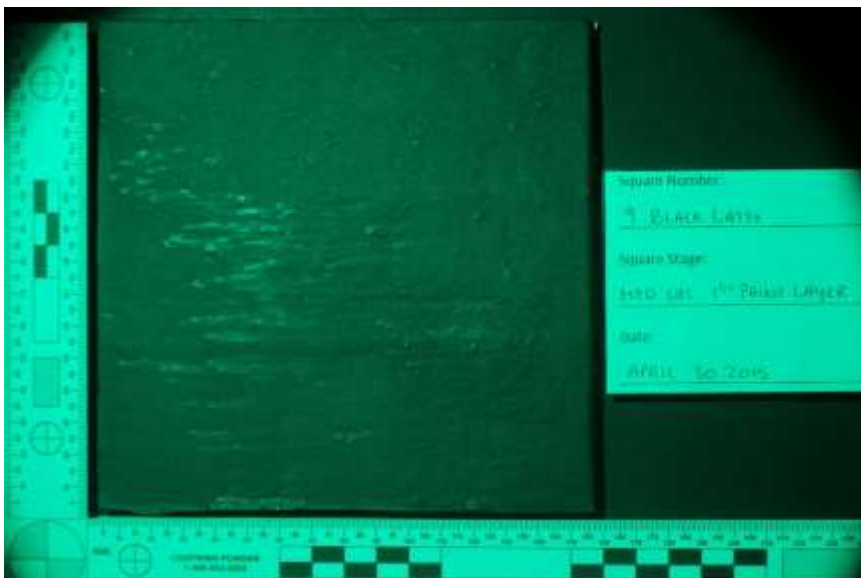


Yellow 475nm Single

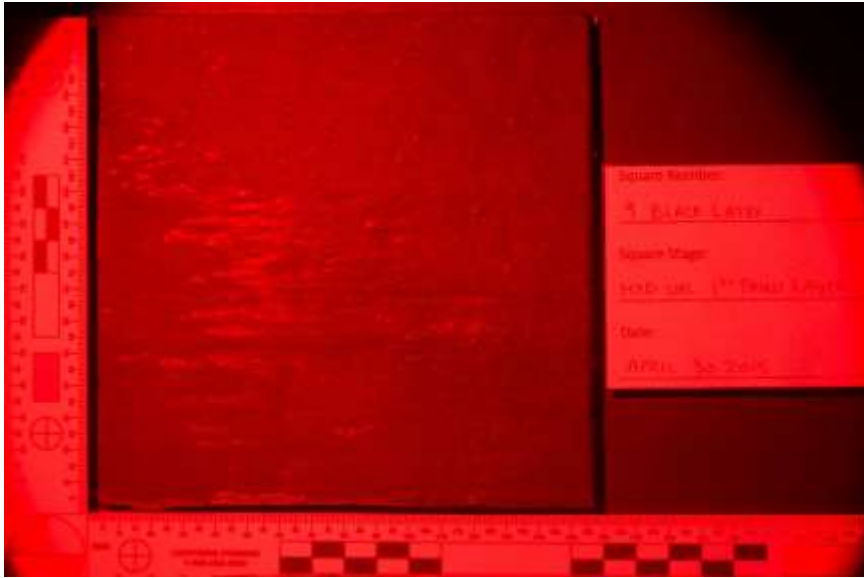




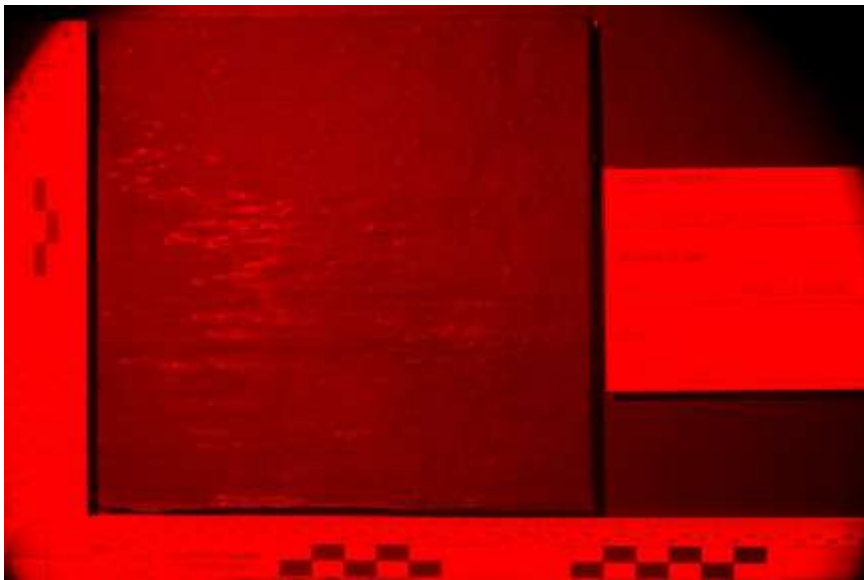
Yellow 495nm HDR



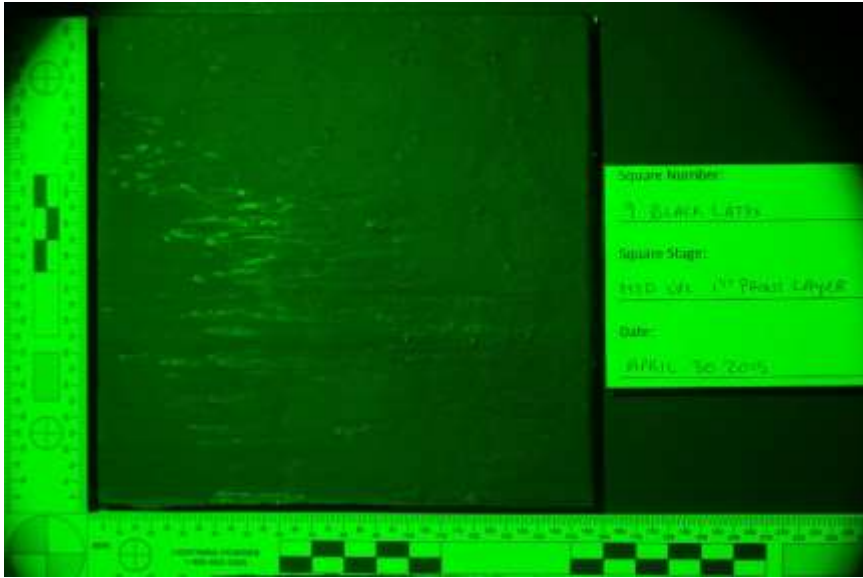
Yellow 495nm Single



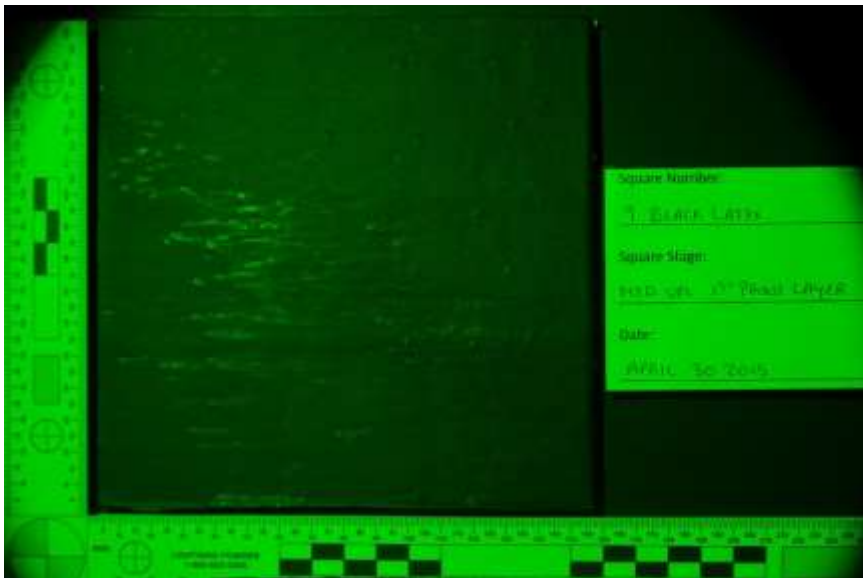
Yellow 670nm HDR



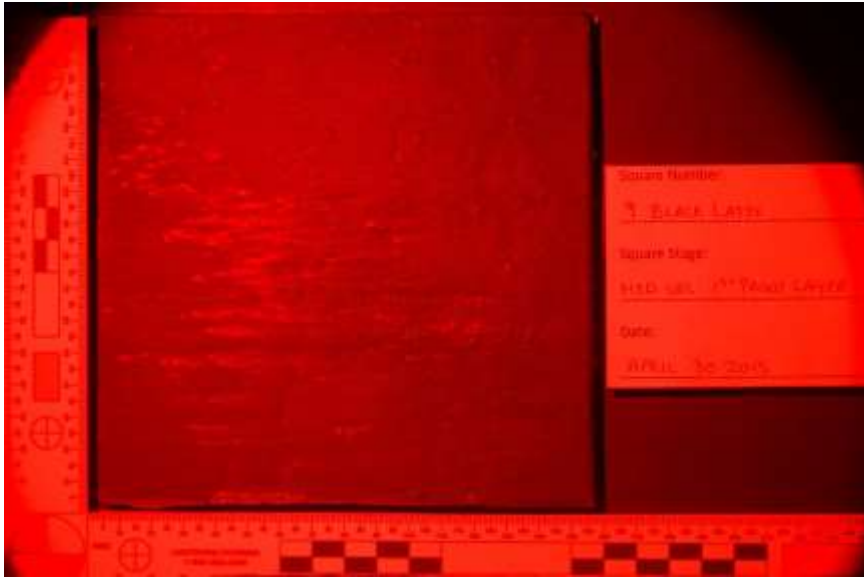
Yellow 670nm Single



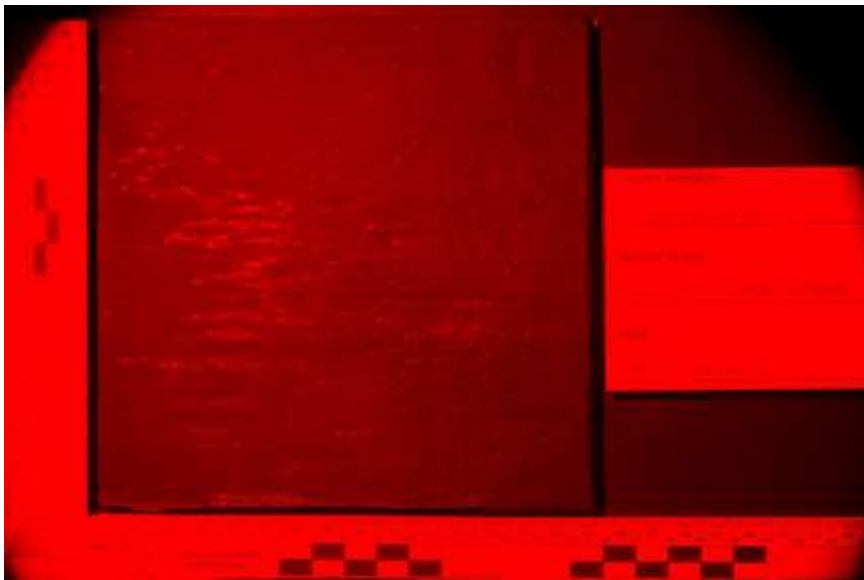
Orange 555nm HDR



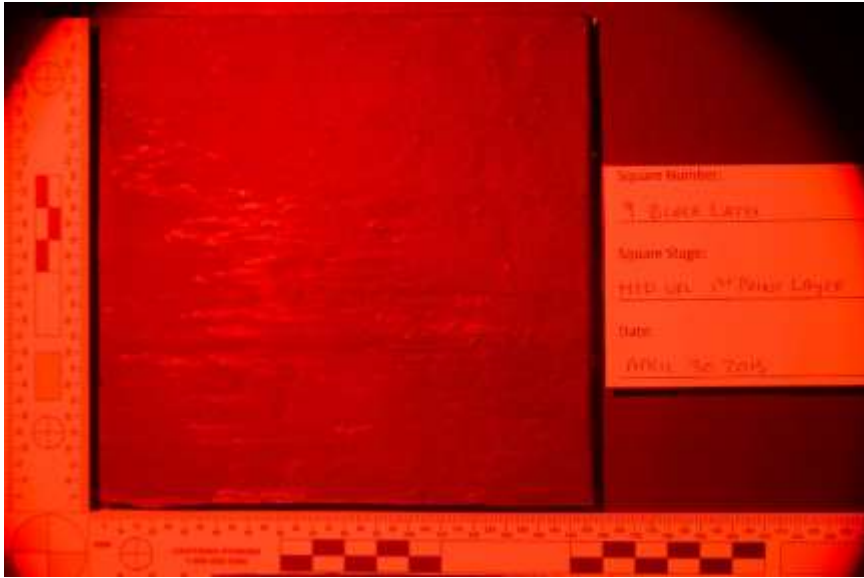
Orange 555nm Single



Orange 670nm HDR



Orange 670nm Single

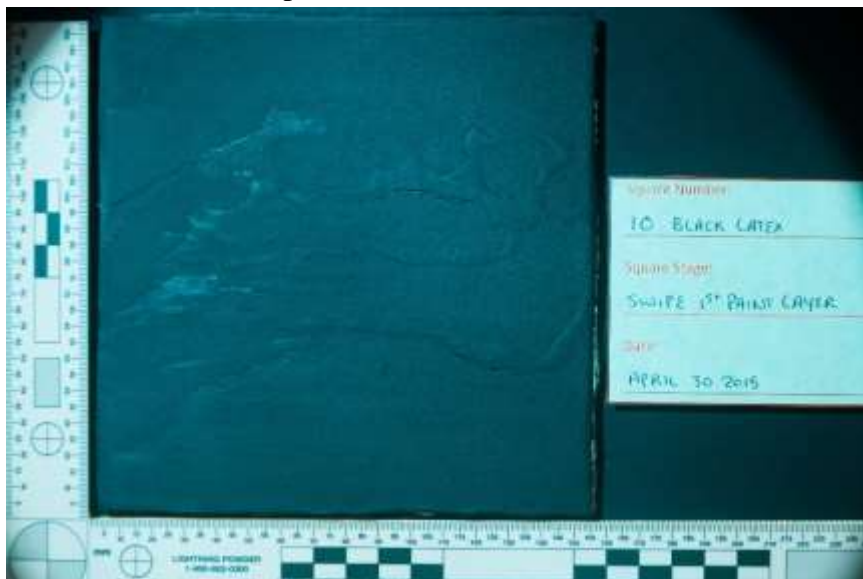


Red 600nm HDR

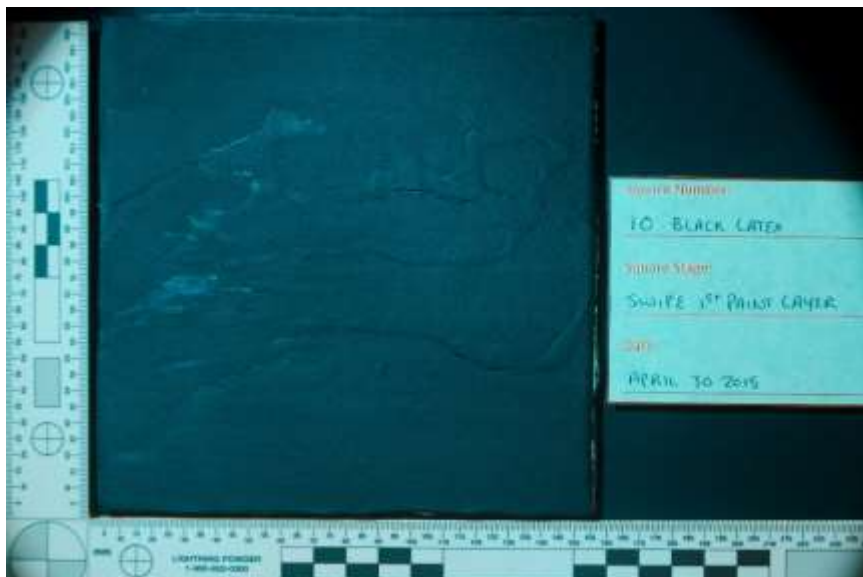


Red 600nm Single

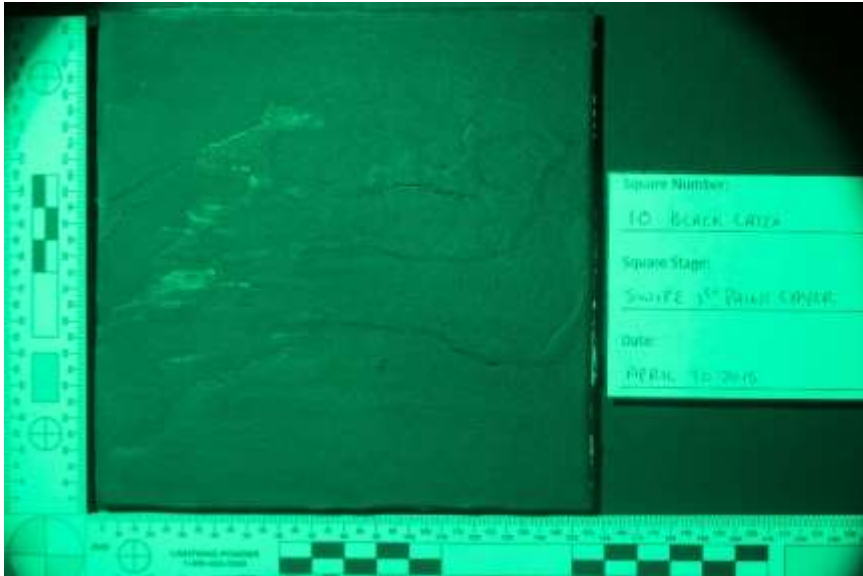
Black Latex 10 – Swipe



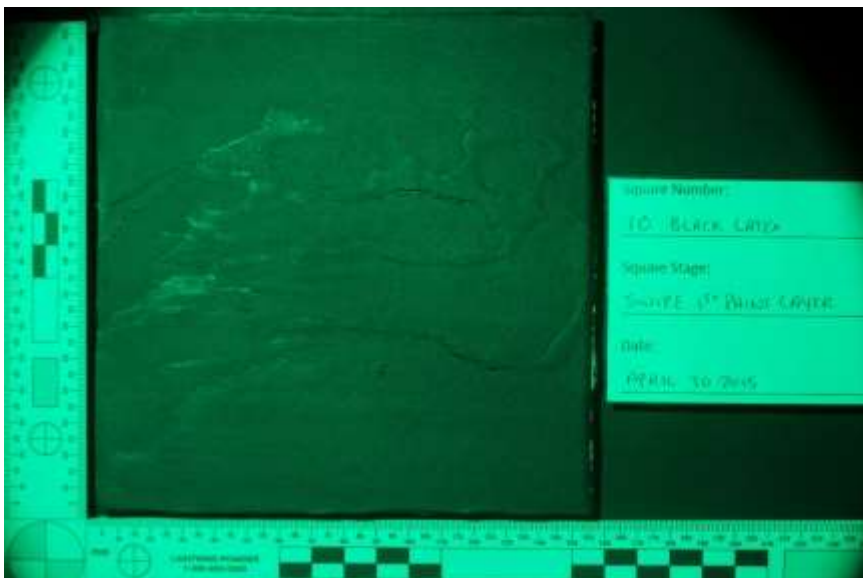
Yellow 475nm HDR



Yellow 475nm Single

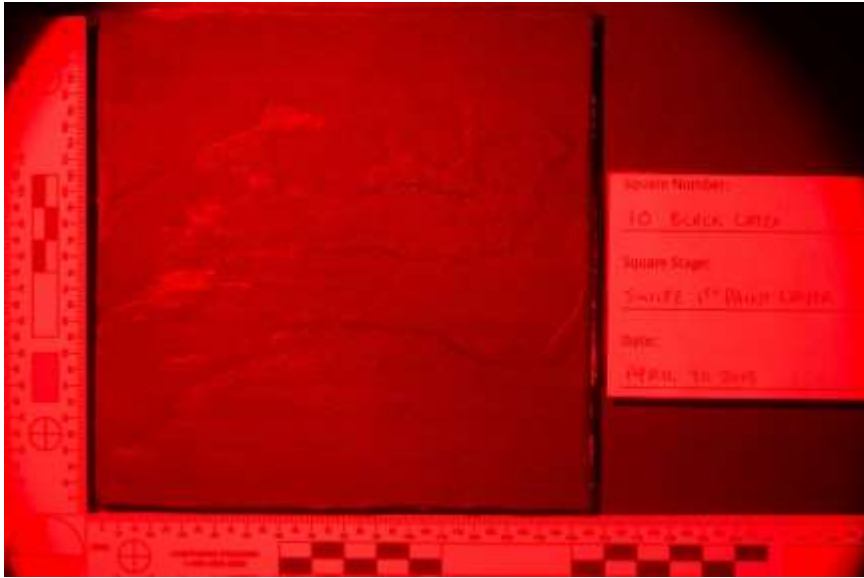


Yellow 495nm HDR

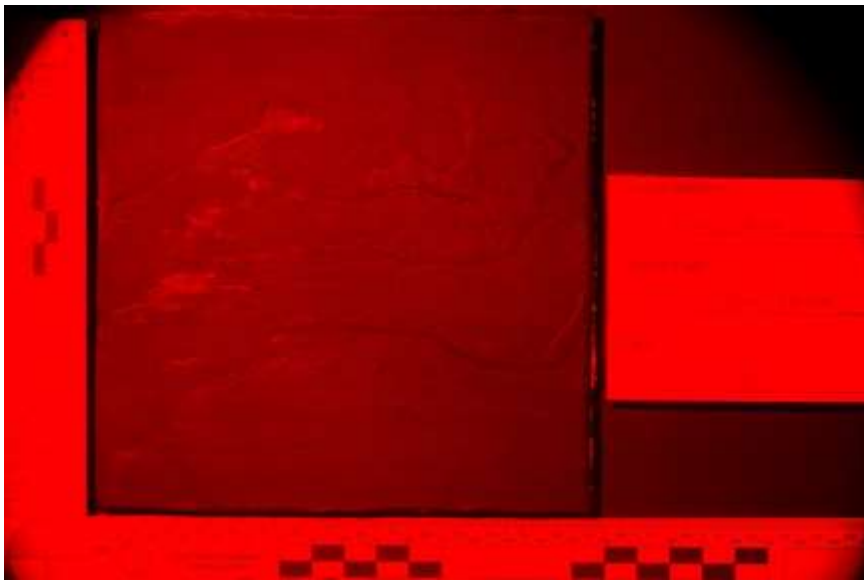


Yellow 495nm Single



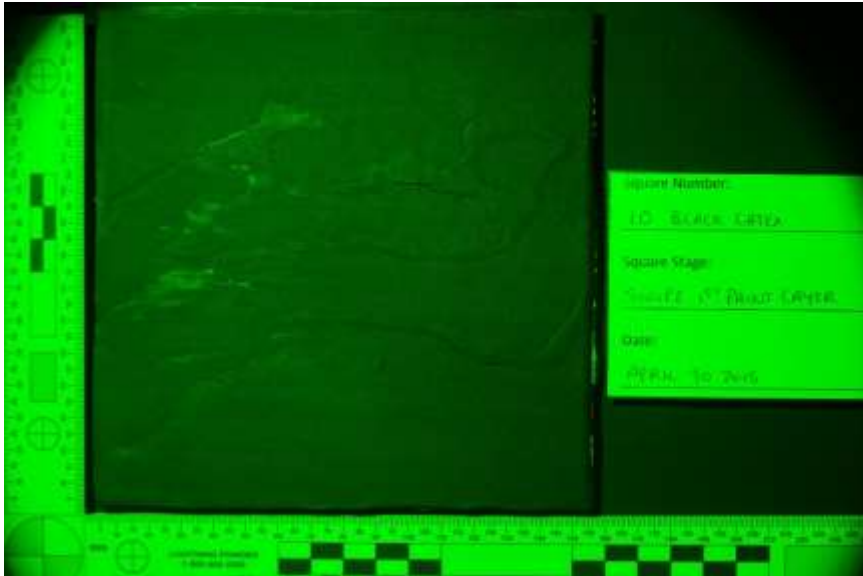


Yellow 670nm HDR

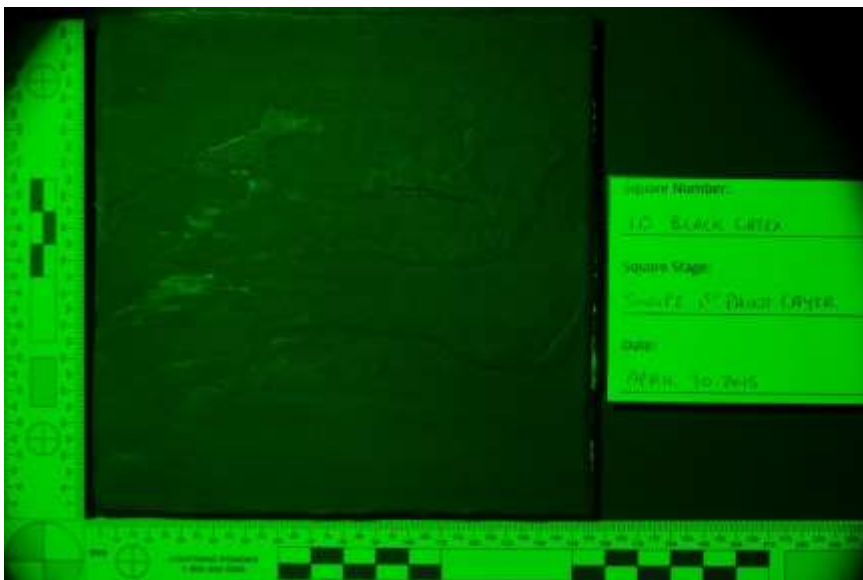


Yellow 670nm Single

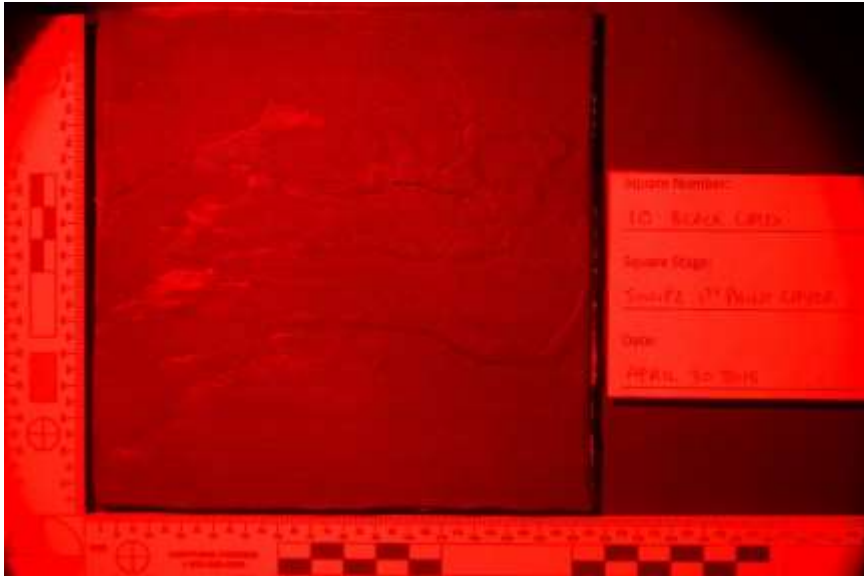




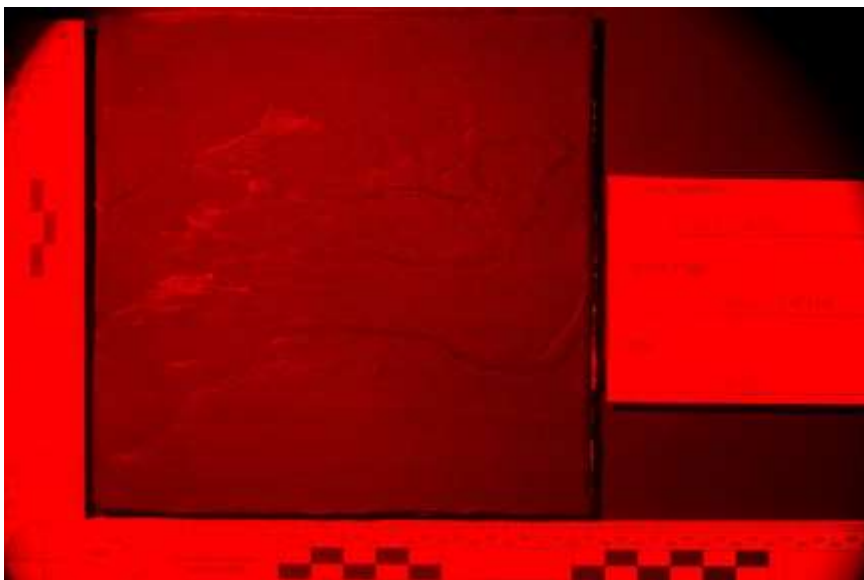
Orange 555nm HDR



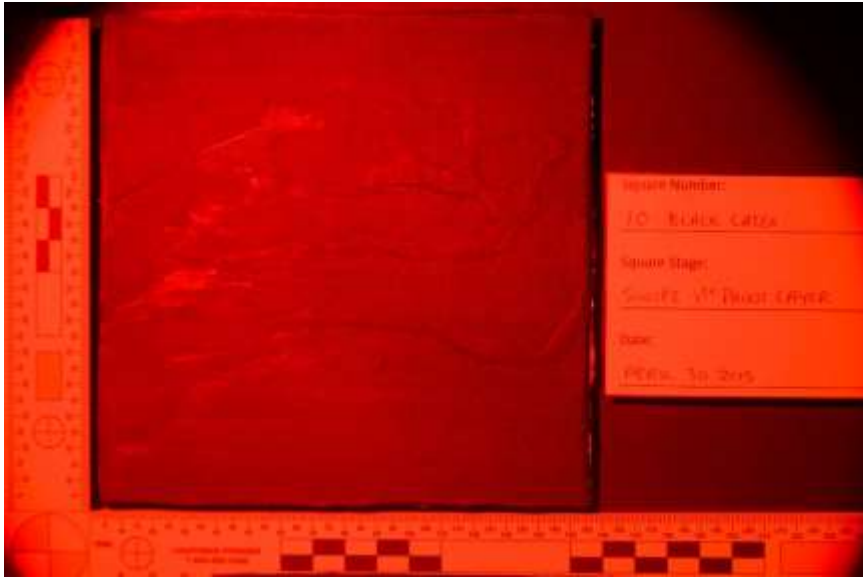
Orange 555nm Single



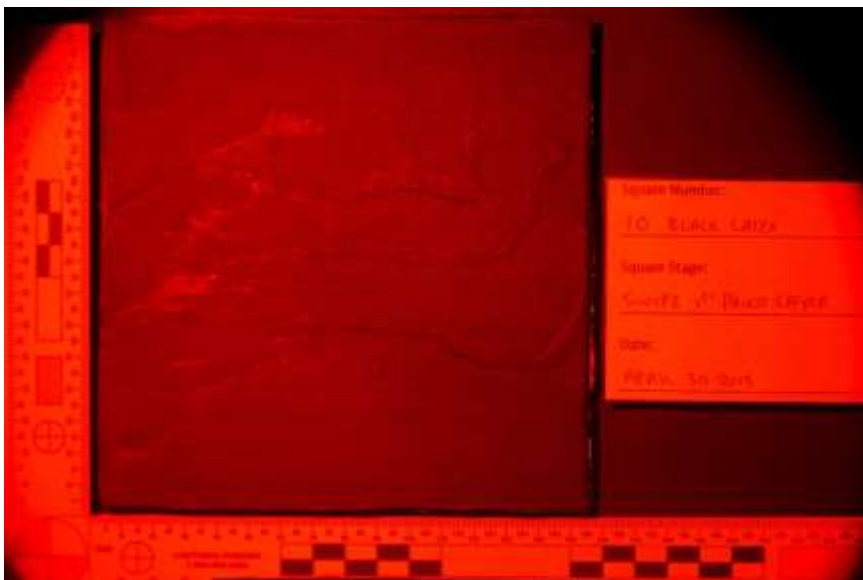
Orange 670nm HDR



Orange 670nm Single

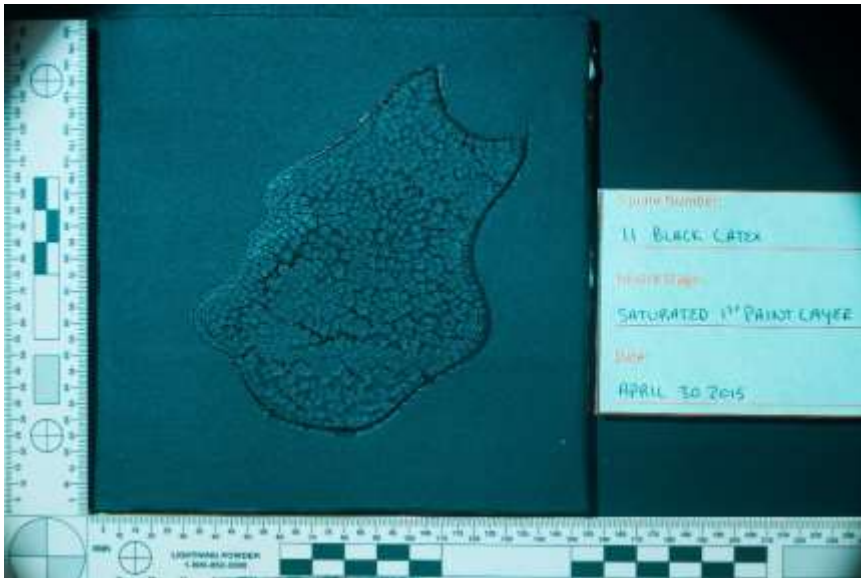


Red 600nm HDR

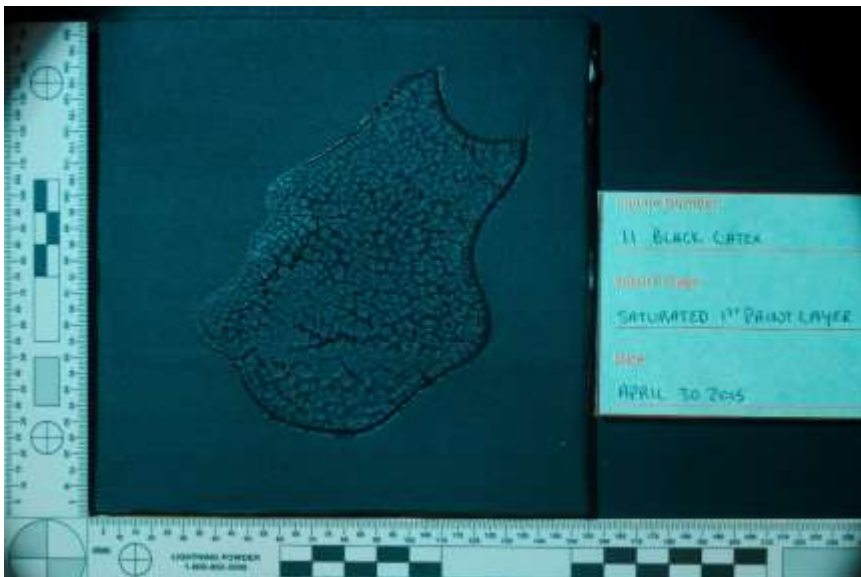


Red 600nm Single

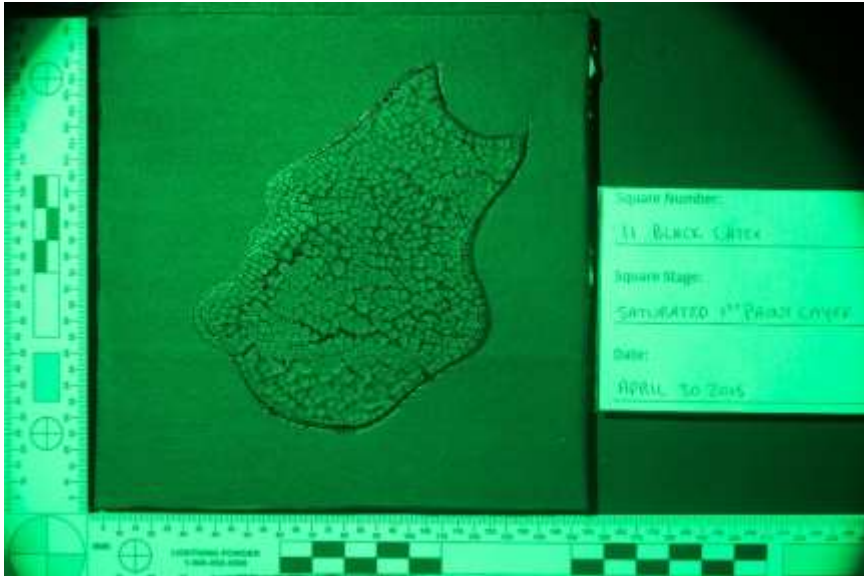
Black Latex 11 – Saturated



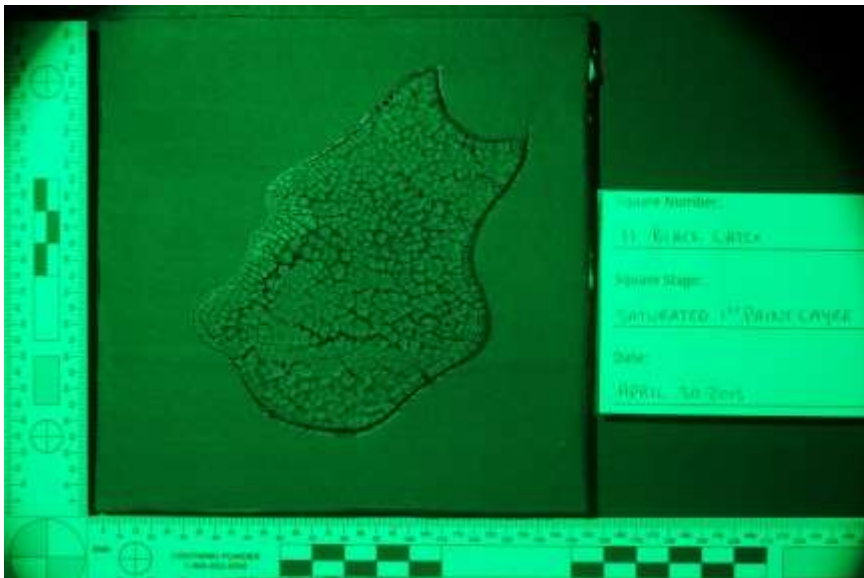
Yellow 475nm HDR



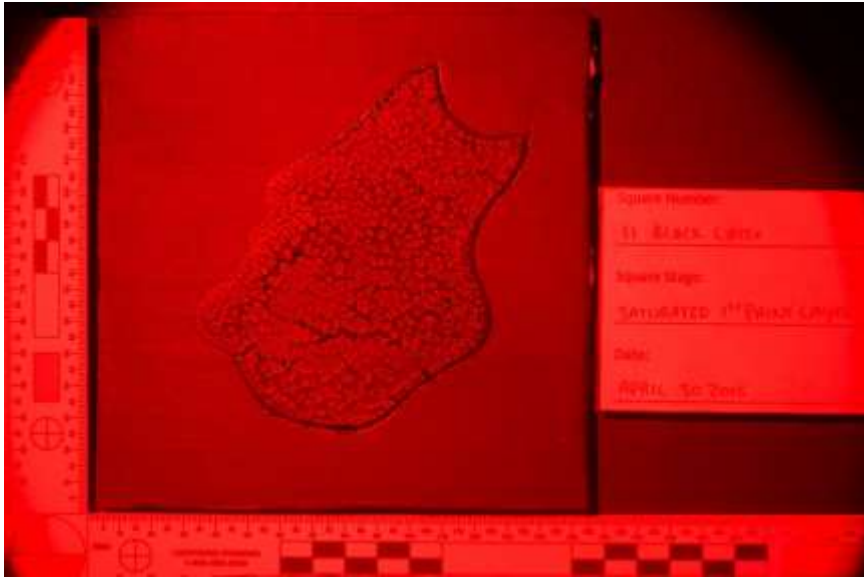
Yellow 475nm Single



Yellow 495nm HDR



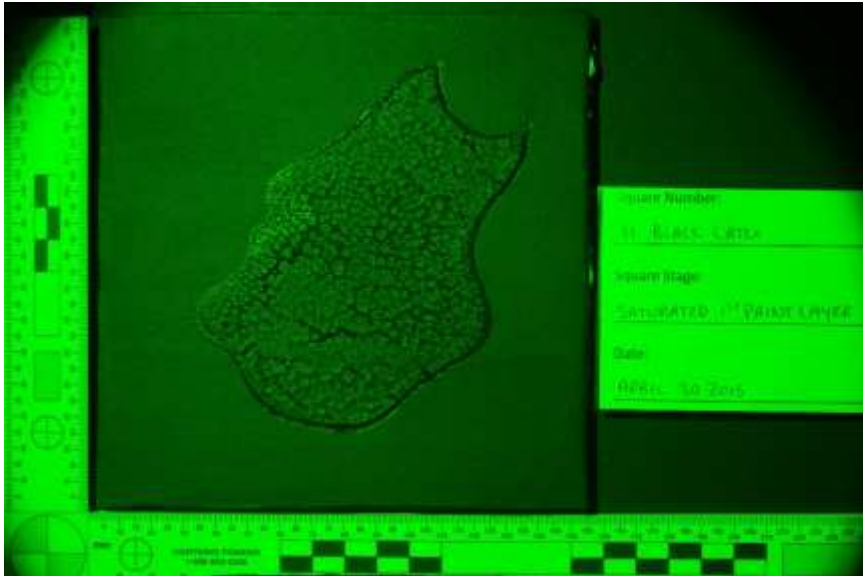
Yellow 495nm Single



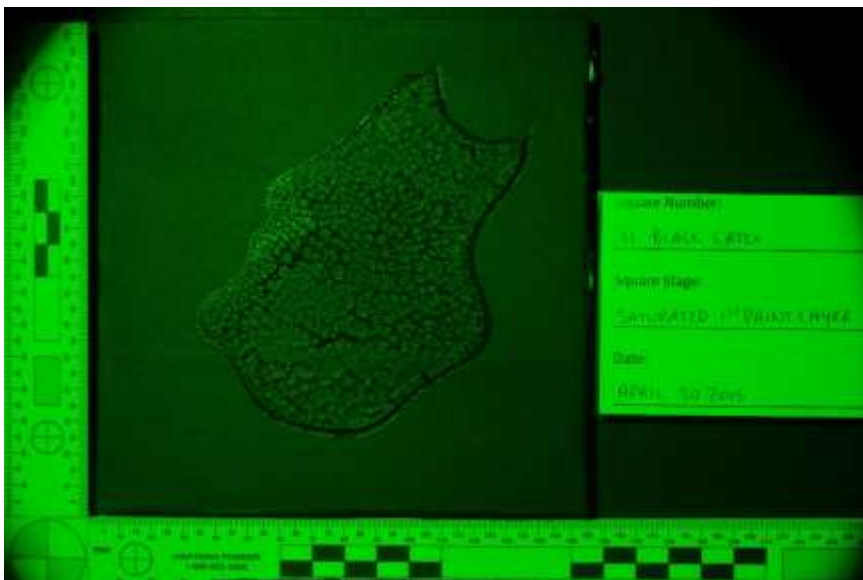
Yellow 670nm HDR



Yellow 670nm Single

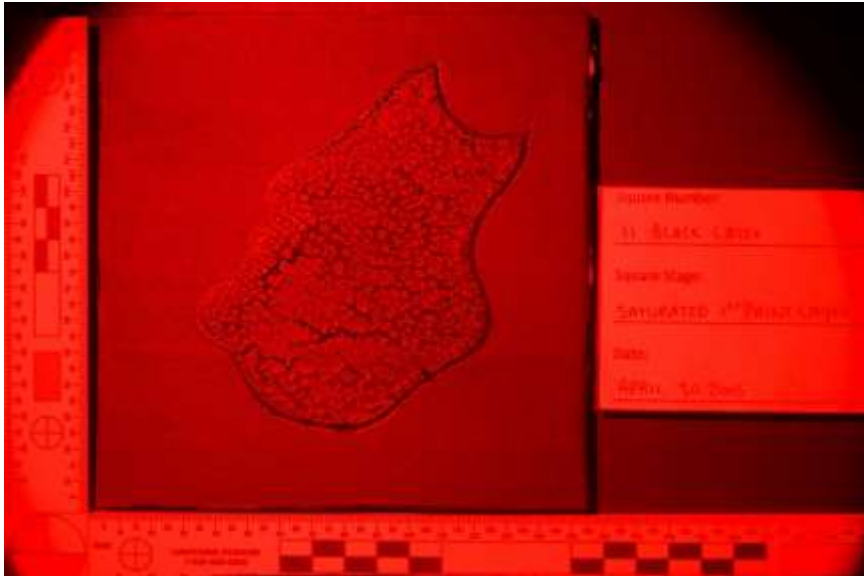


Orange 555nm HDR

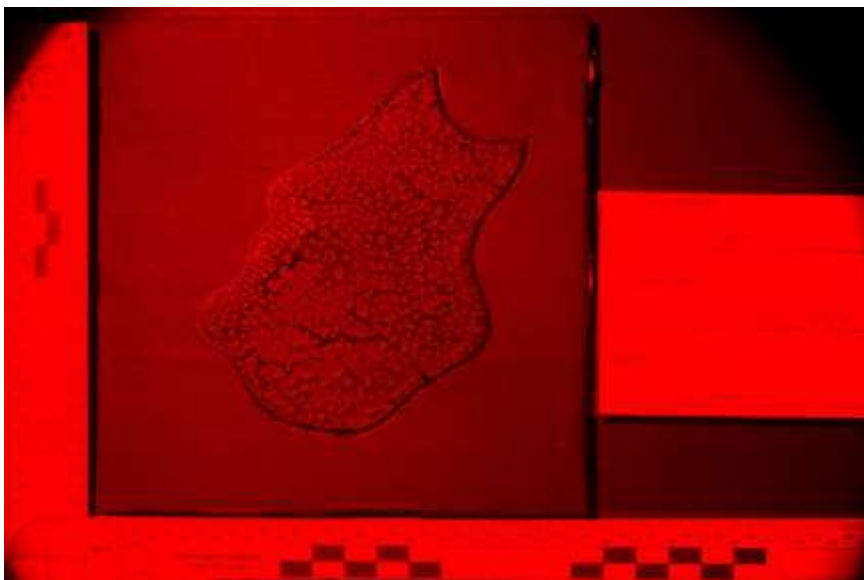


Orange 555nm Single



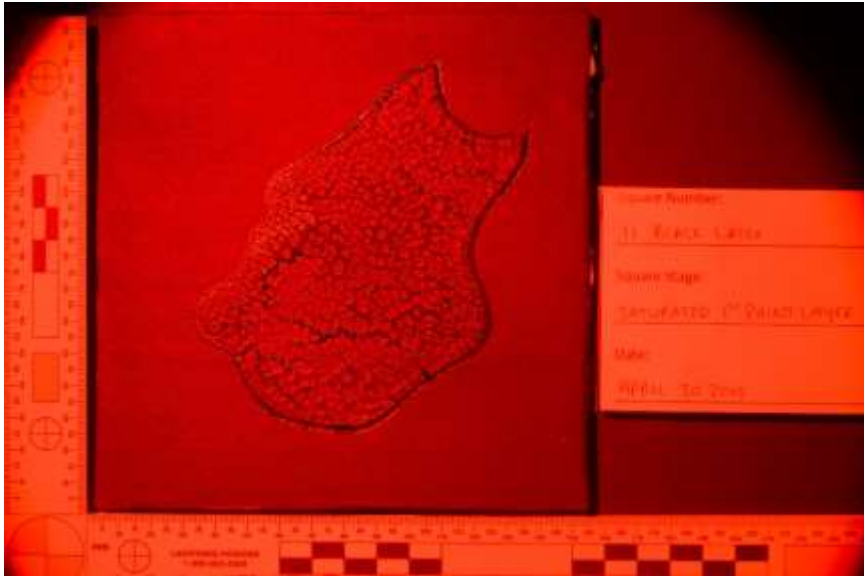


Orange 670nm HDR

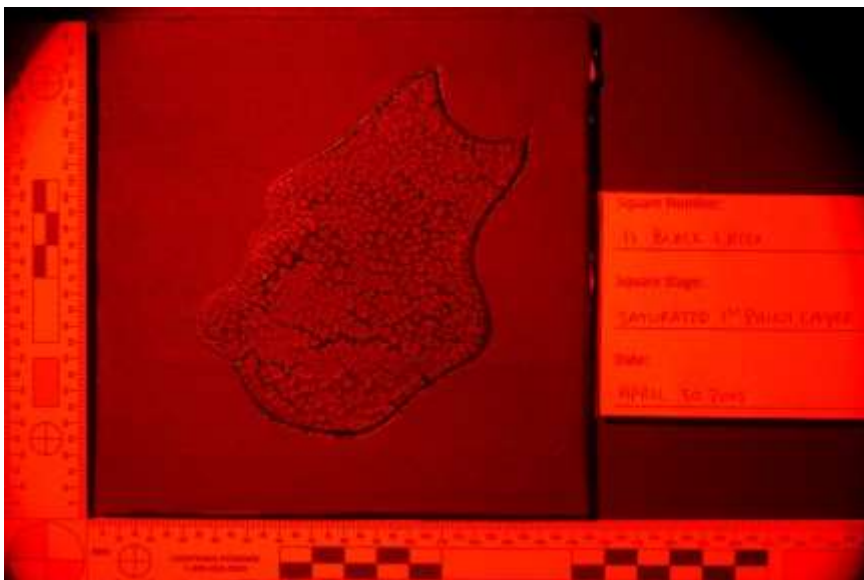


Orange 670nm Single





Red 600nm HDR

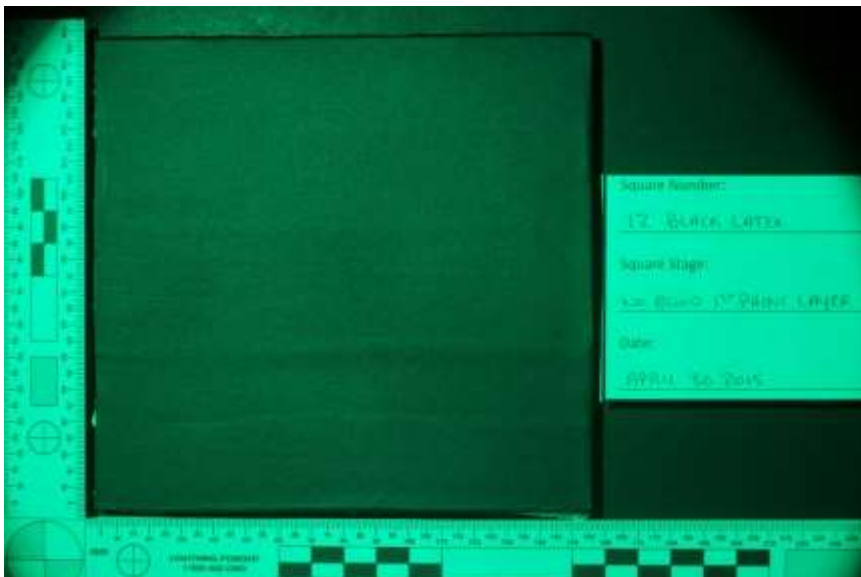


Red 600nm Single

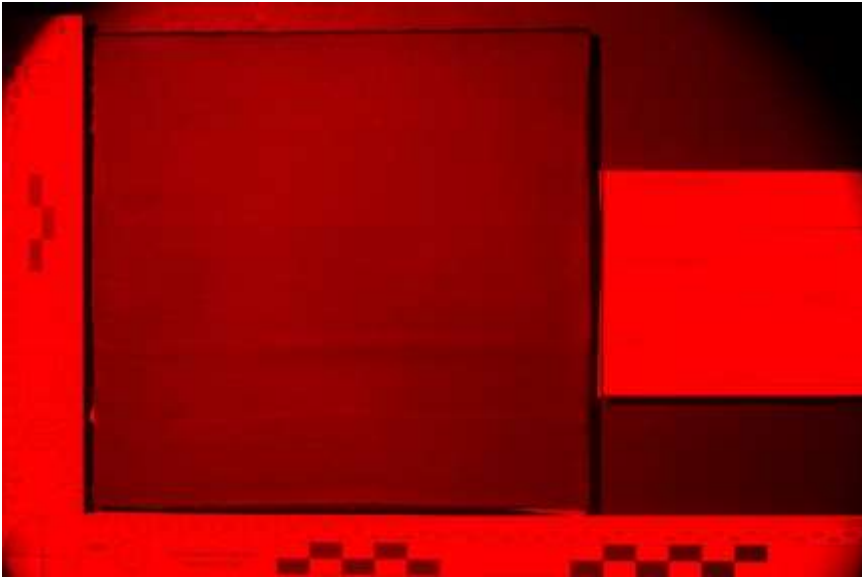
Black Latex 12 – Control No Bloodstain



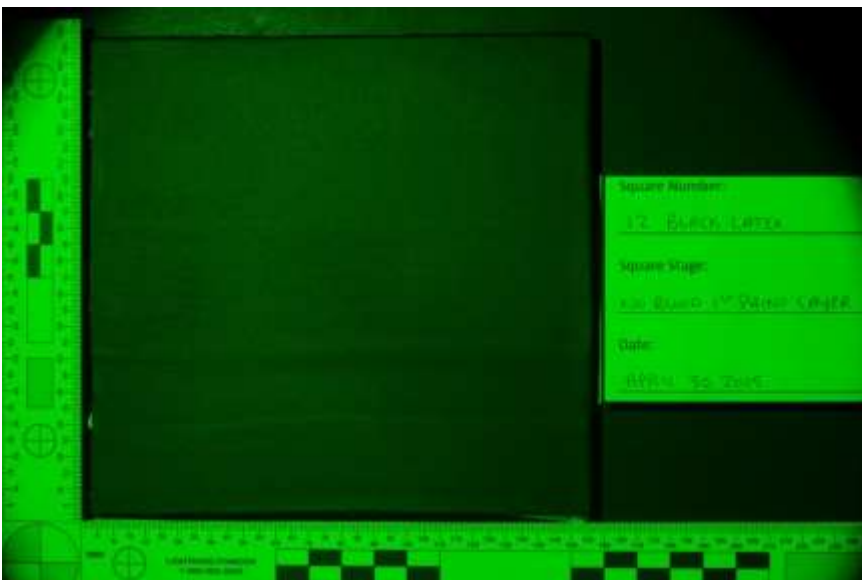
Yellow 475nm HDR



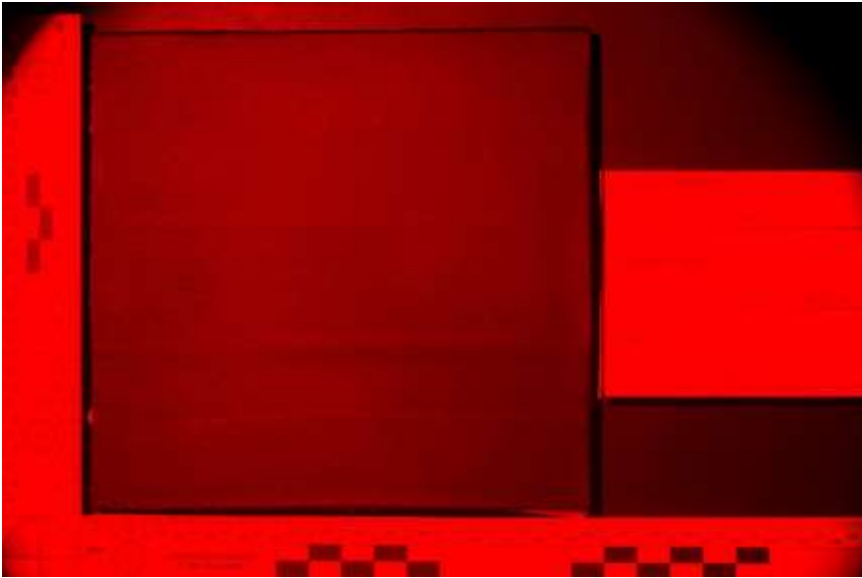
Yellow 495nm HDR



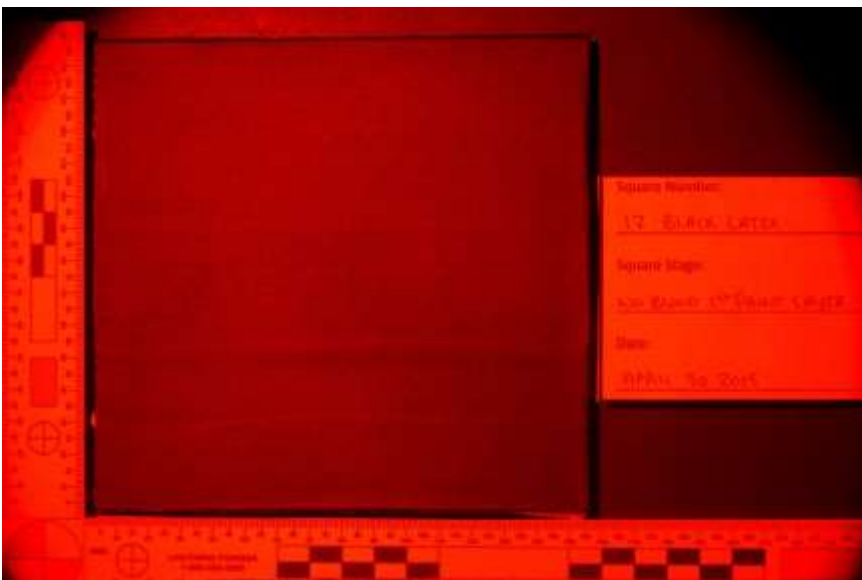
Yellow 670nm HDR



Orange 555nm HDR

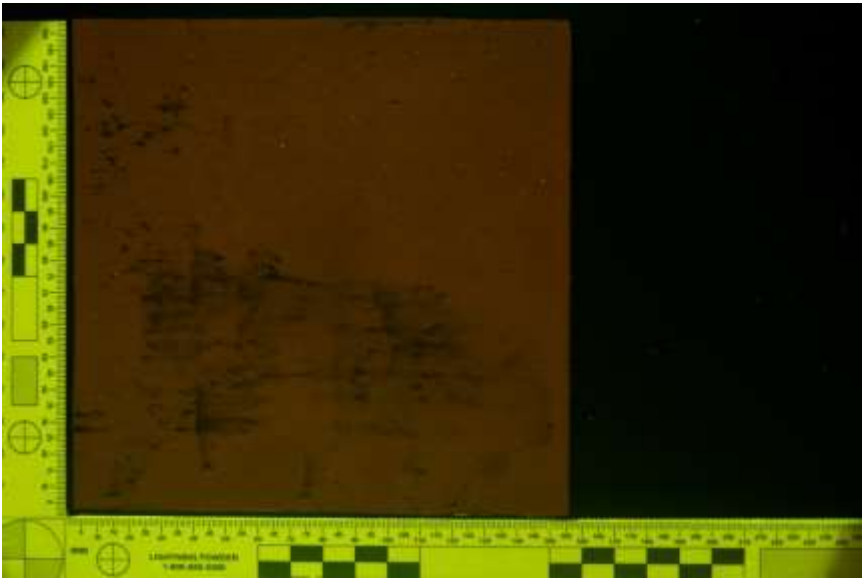


Orange 670nm HDR

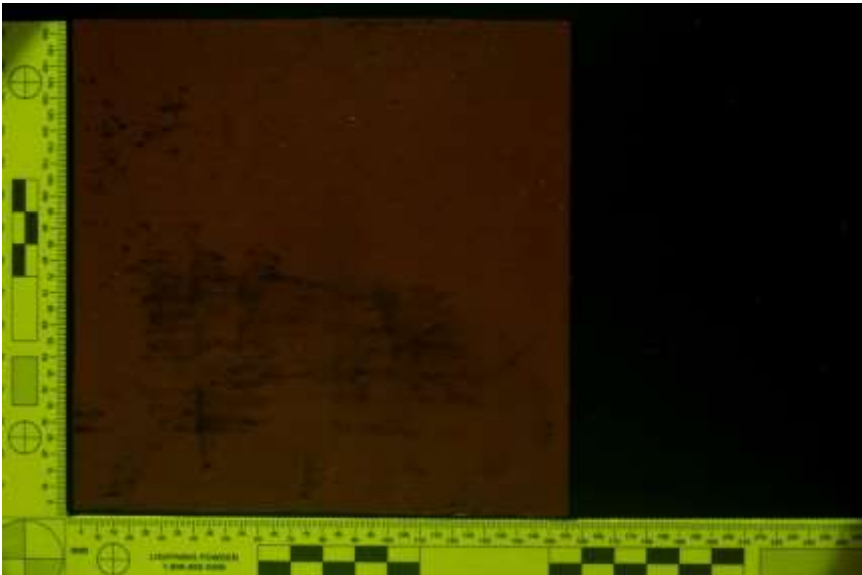


Red 600nm HDR

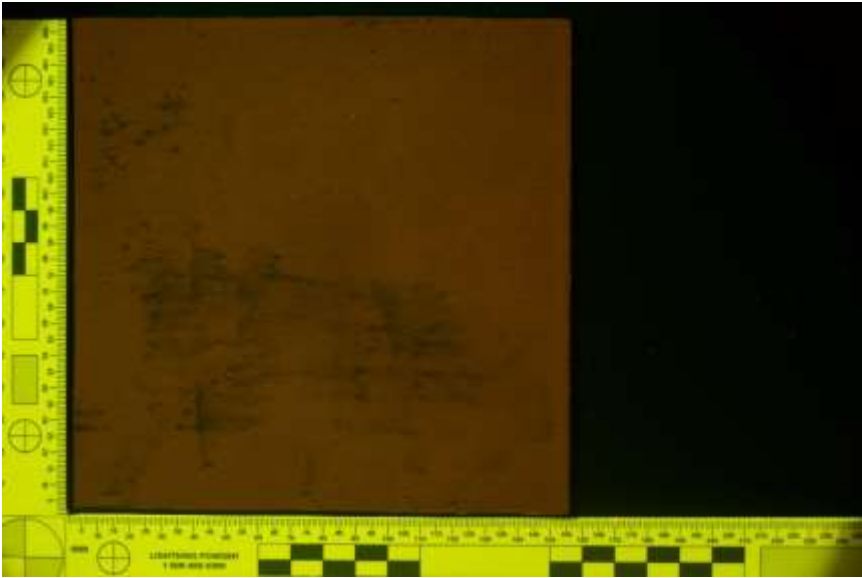
Appendix 4.2.5.4. Maroon Latex – Yellow 415nm, 445nm, 455nm; Orange 415nm, 445nm; Red 415nm, 445nm, 455nm, 575nm First layer of paint stage  
Maroon Latex 13 – Medium Velocity



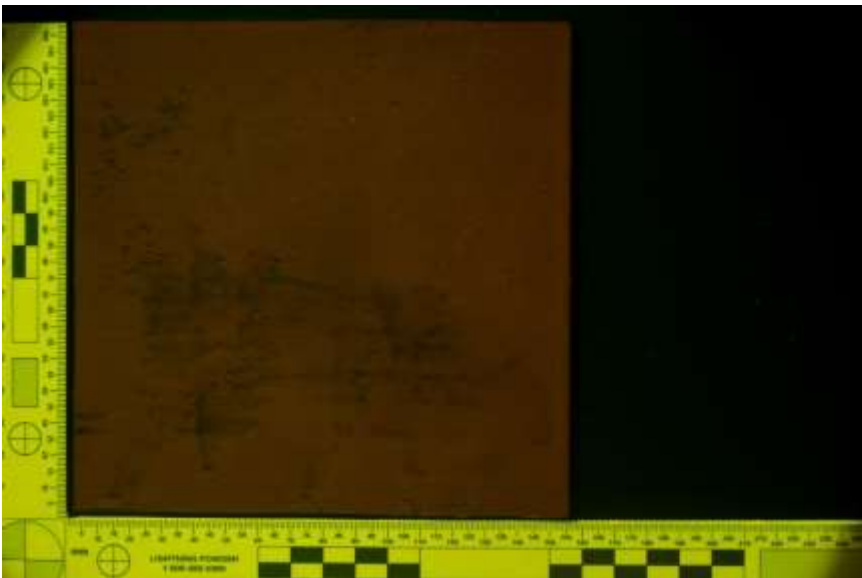
Yellow 415nm HDR



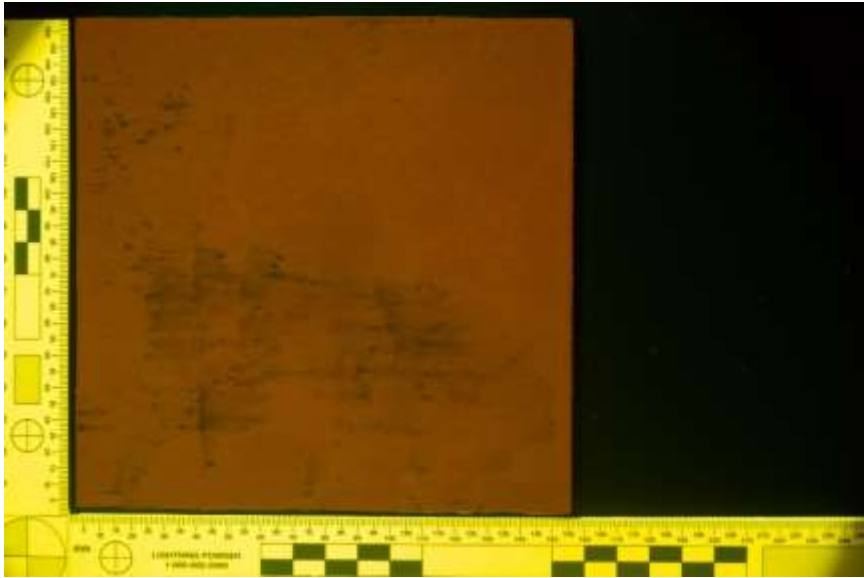
Yellow 415nm Single



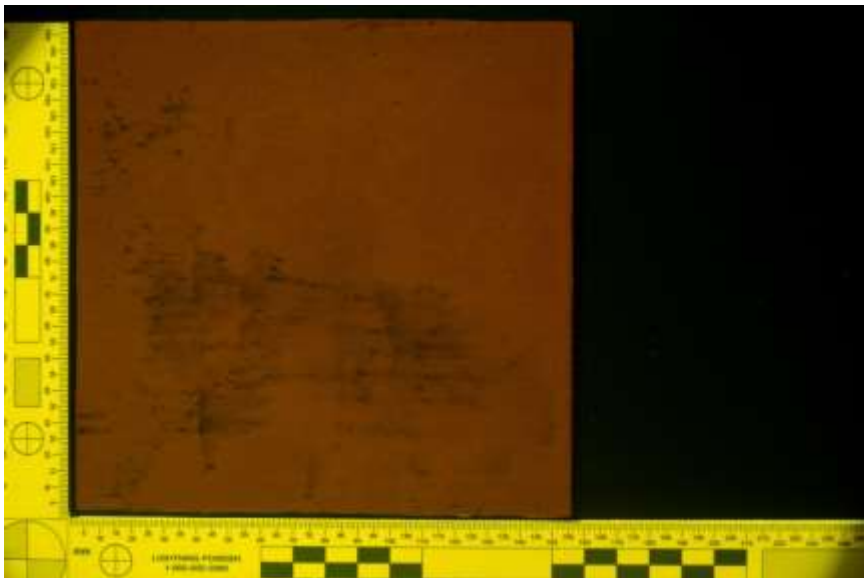
Yellow 445nm HDR



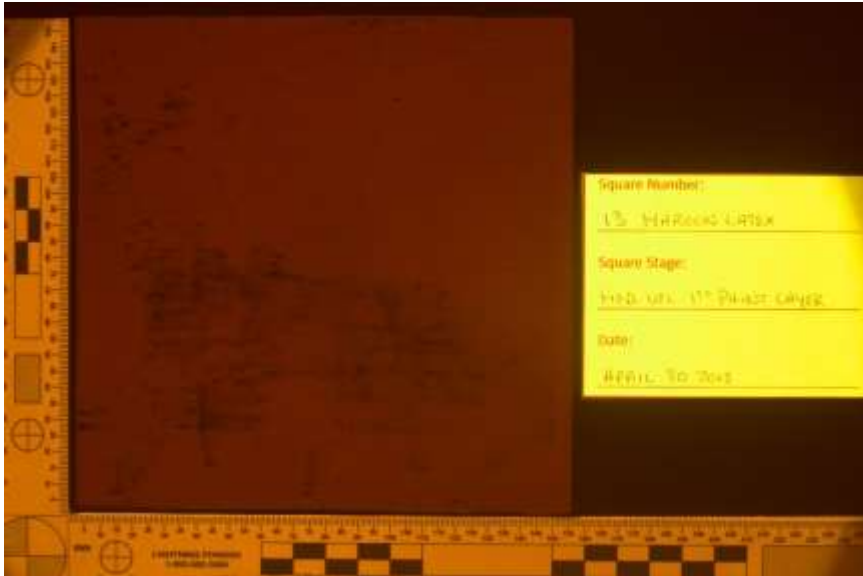
Yellow 445nm Single



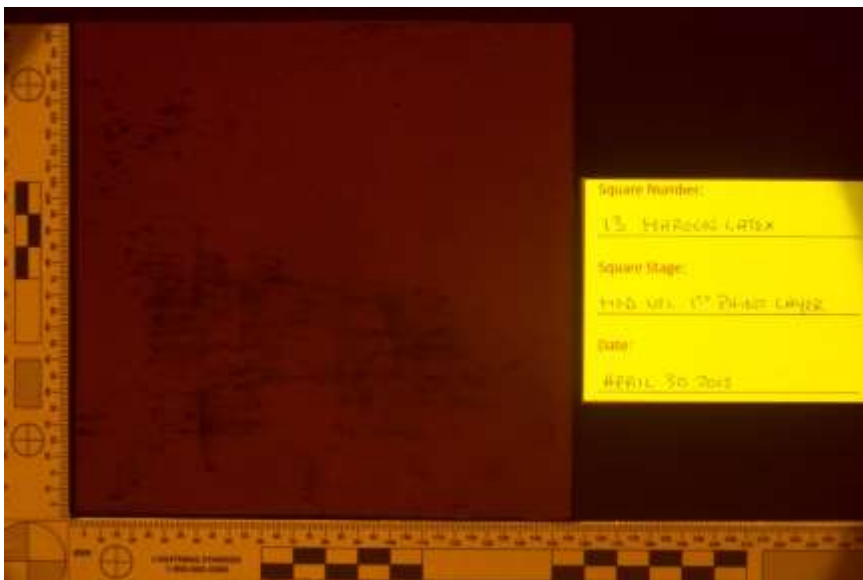
Yellow 455nm HDR



Yellow 455nm Single



Orange 415nm HDR

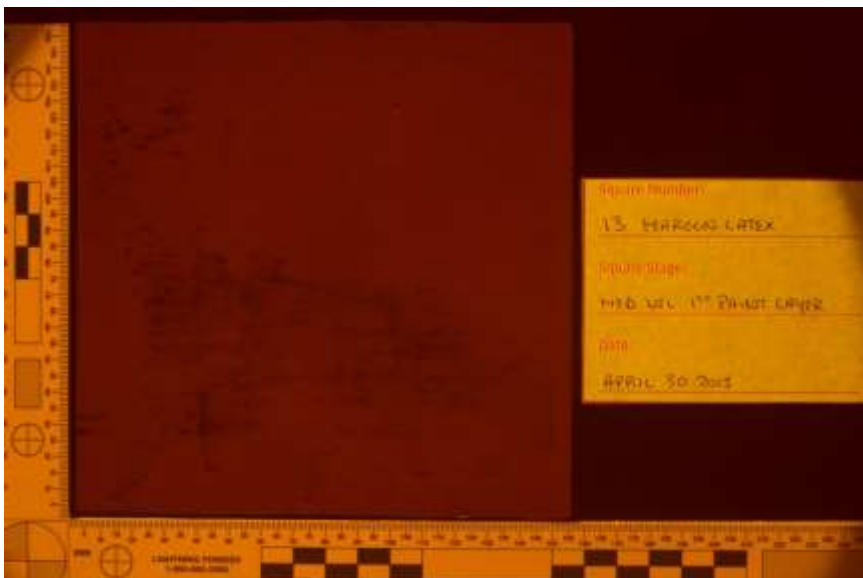


Orange 415nm Single

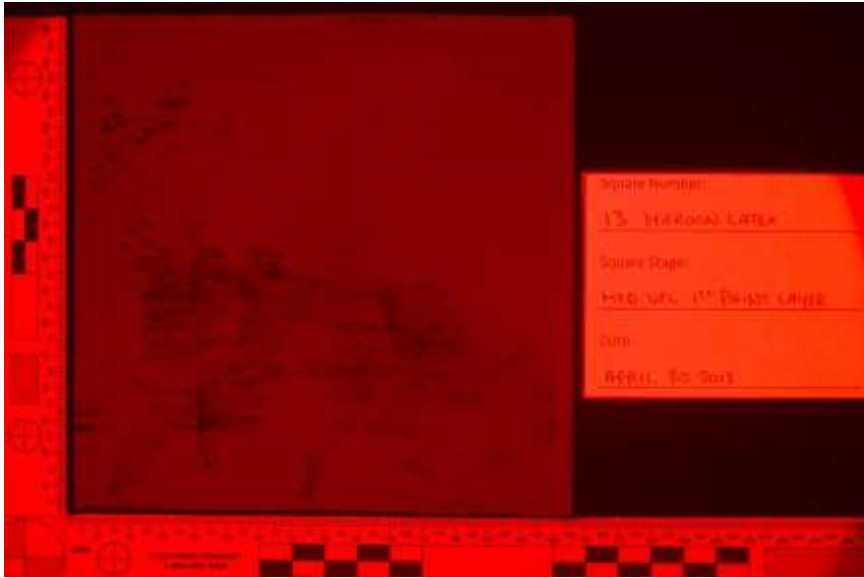




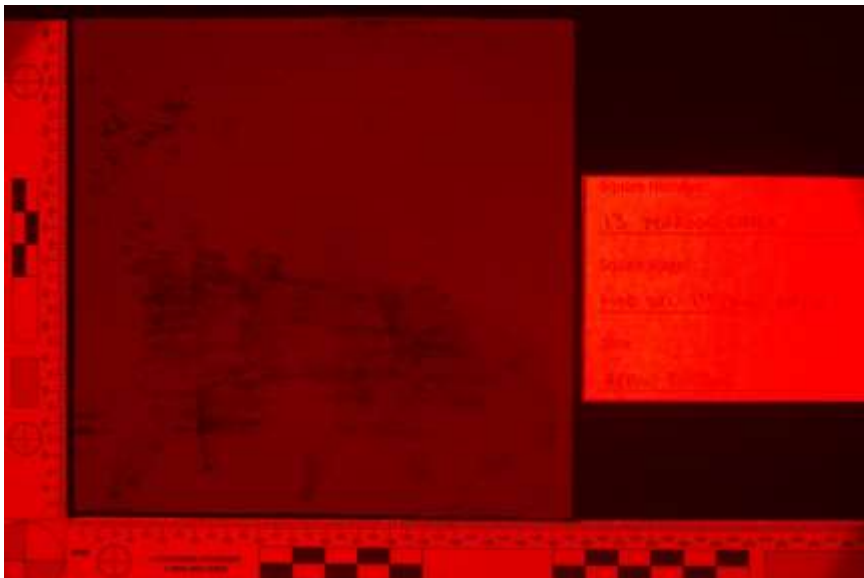
Orange 445nm HDR



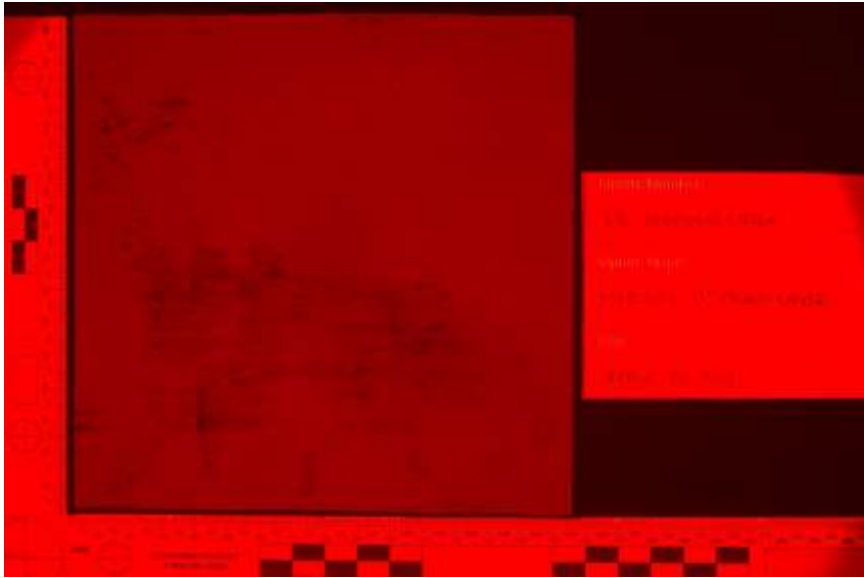
Orange 445nm Single



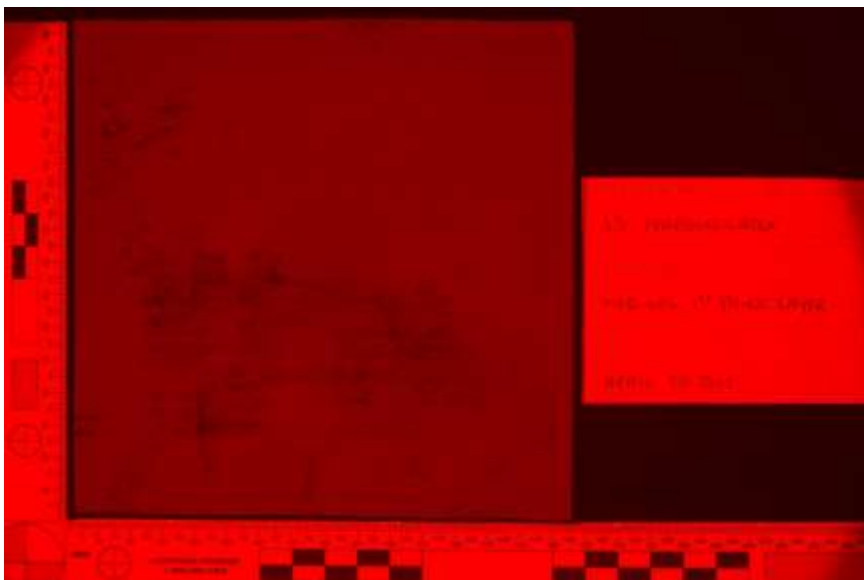
Red 415nm HDR



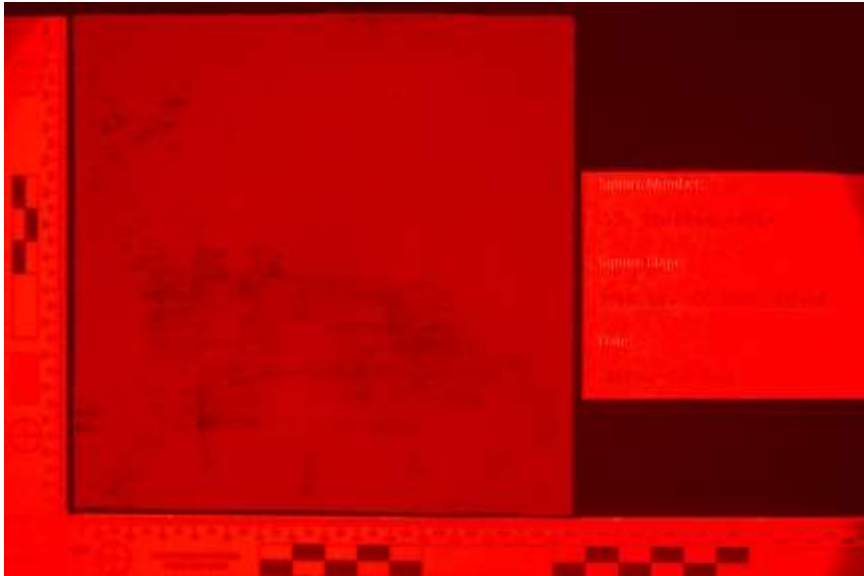
Red 415nm Single



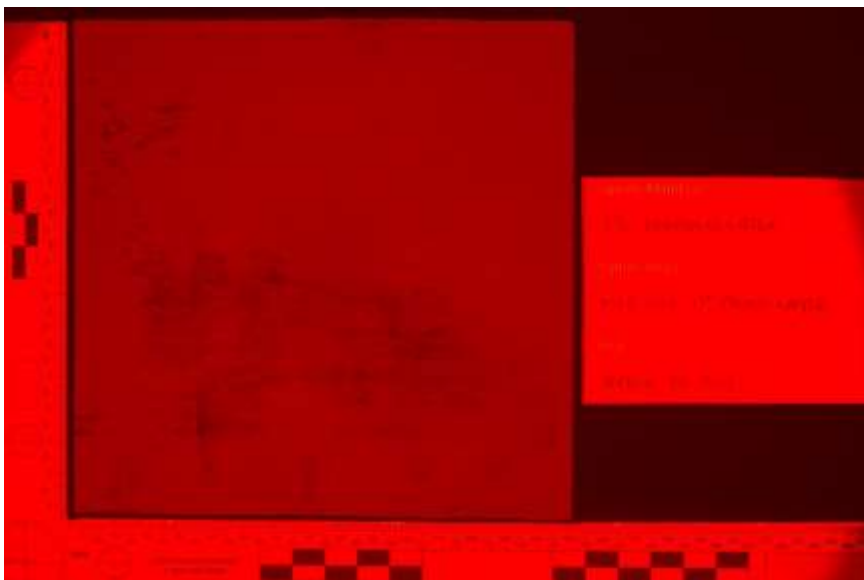
Red 445nm HDR



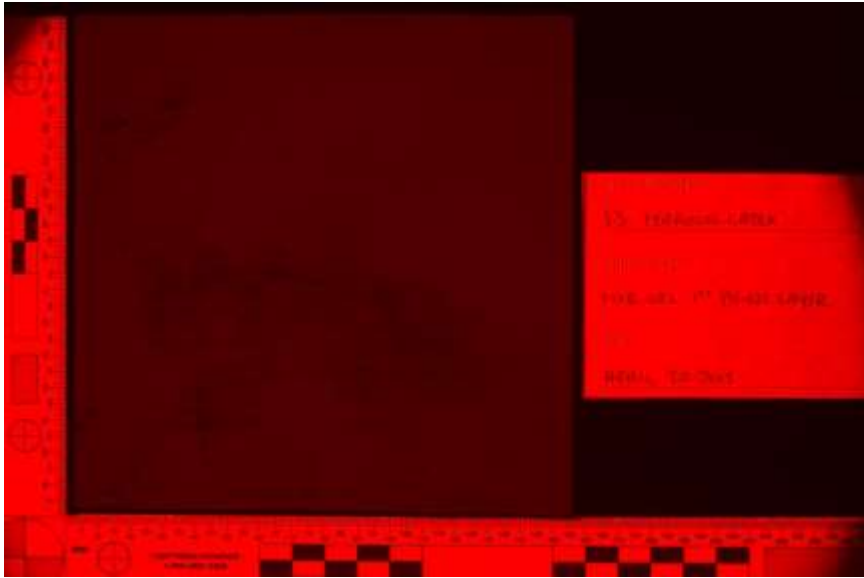
Red 445nm Single



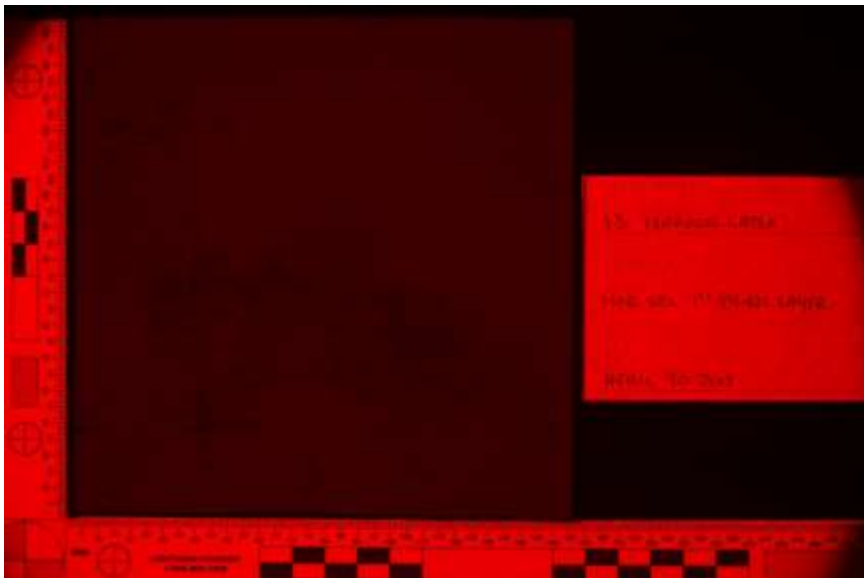
Red 455nm HDR



Red 455nm Single

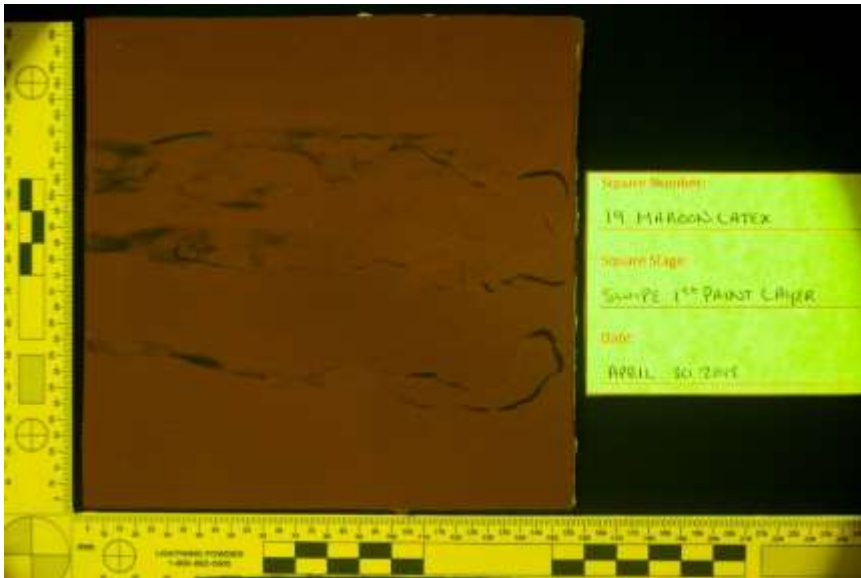


Red 575nm HDR



Red 575nm Single

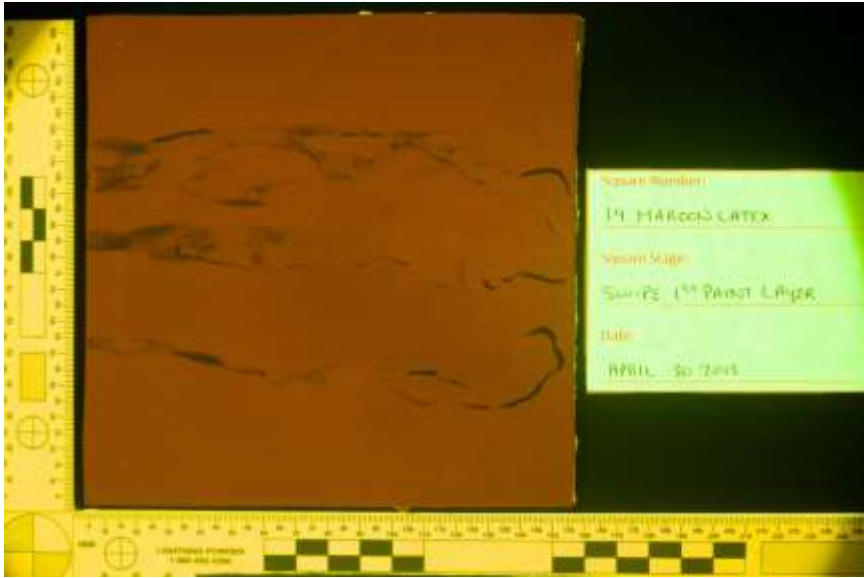
Maroon Latex 14 – Swipe



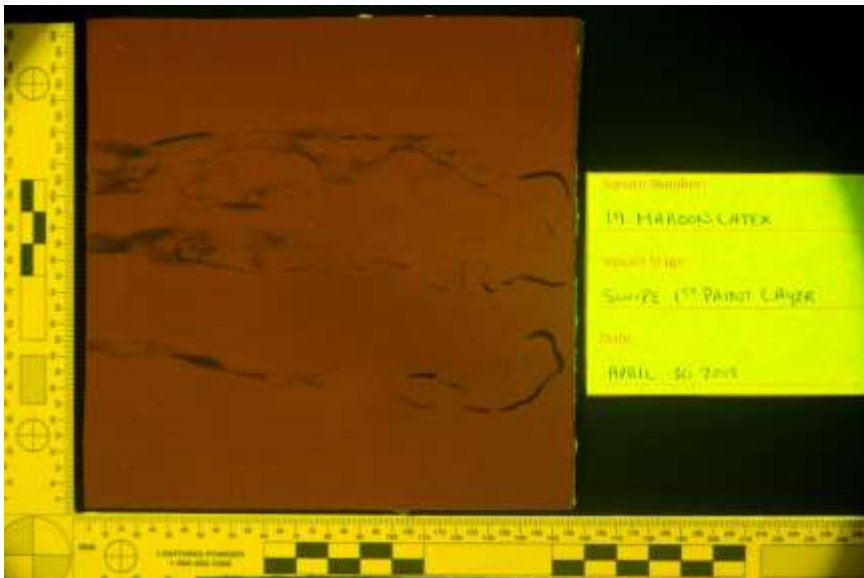
Yellow 415nm HDR



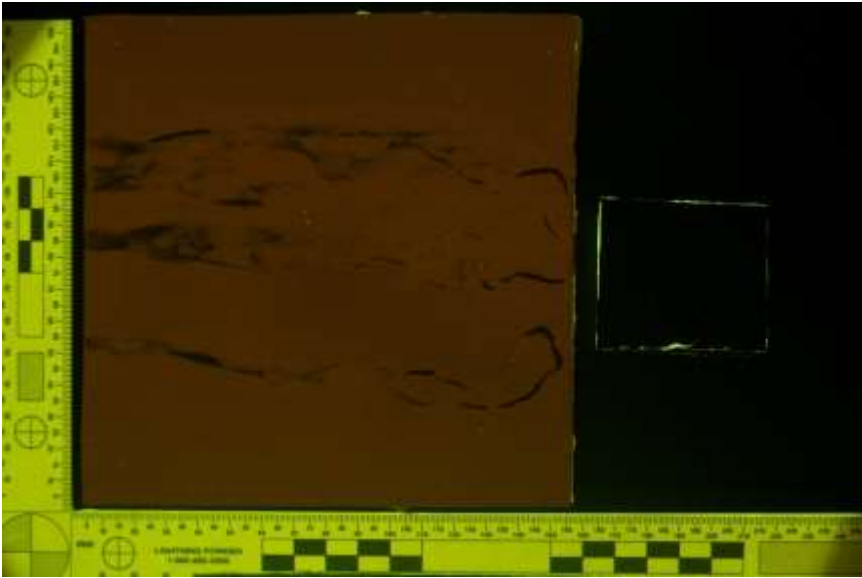
Yellow 415nm Single



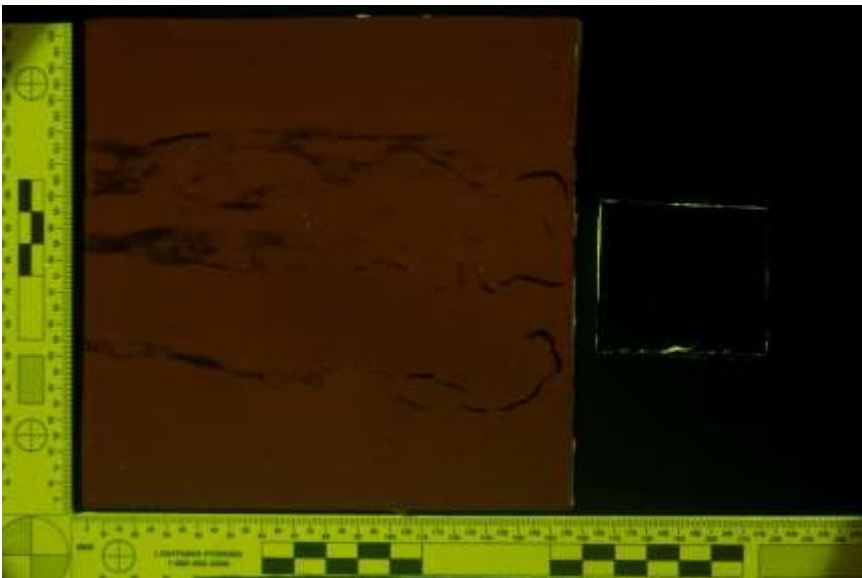
Yellow 445nm HDR



Yellow 445nm Single

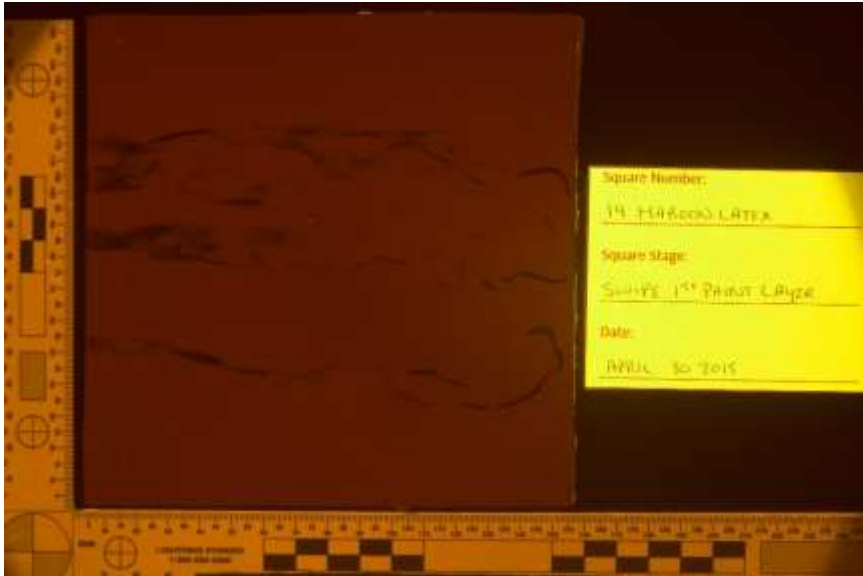


Yellow 455nm HDR

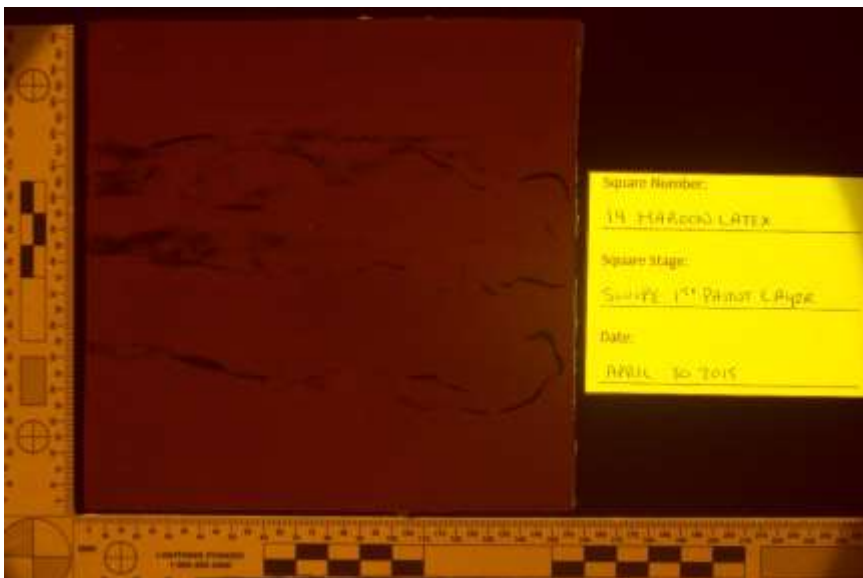


Yellow 455nm Single

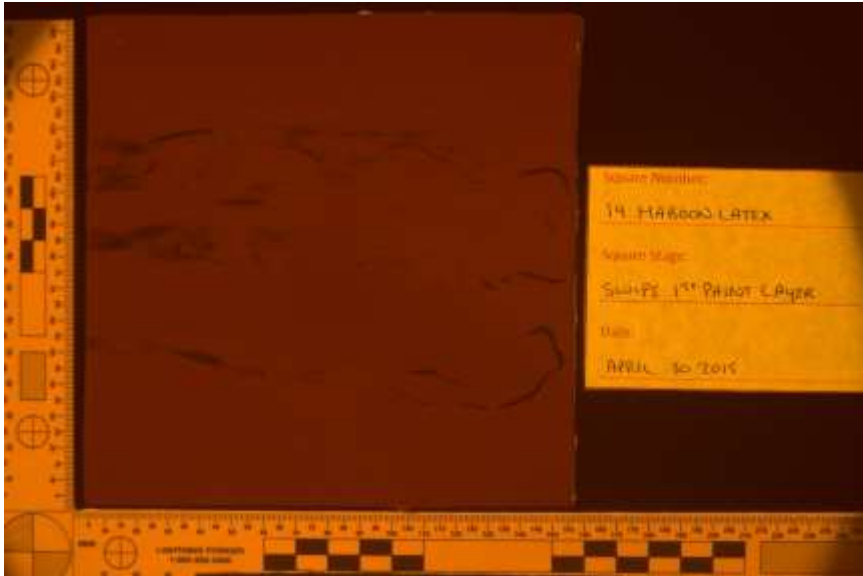




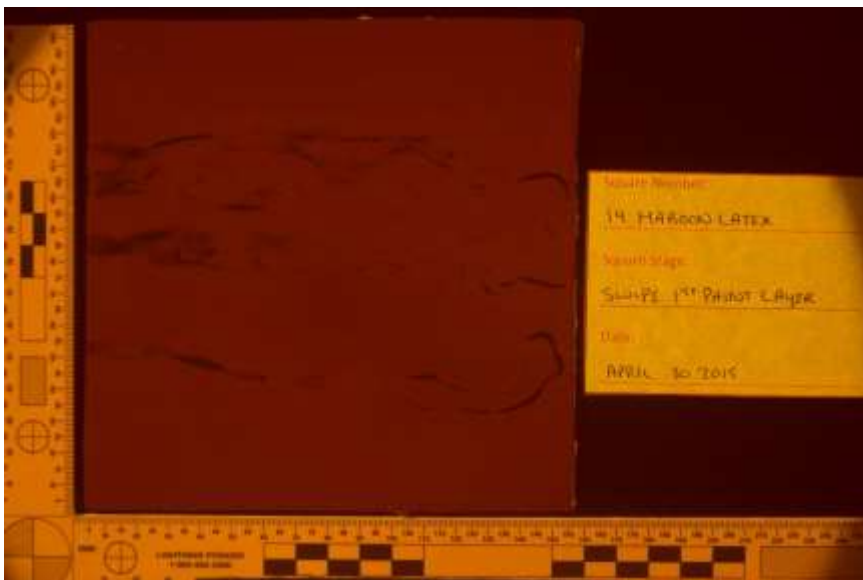
Orange 415nm HDR



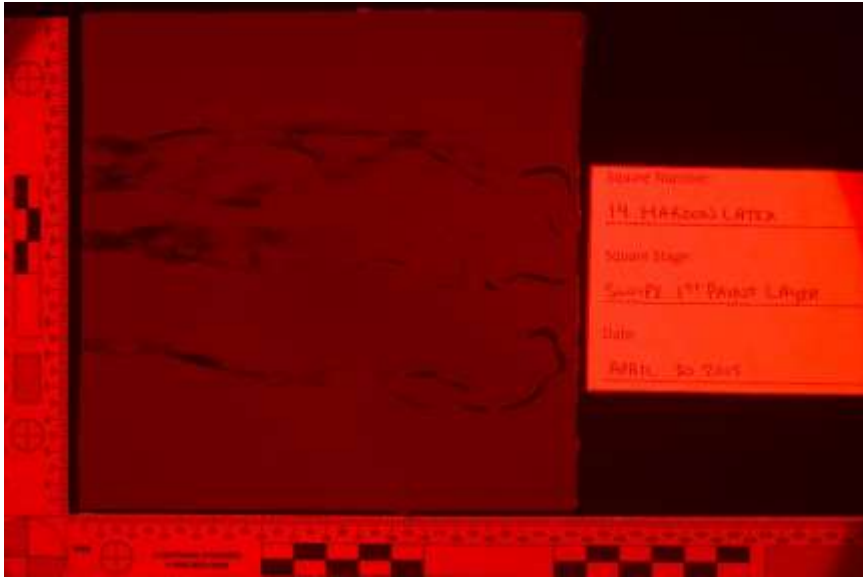
Orange 415nm Single



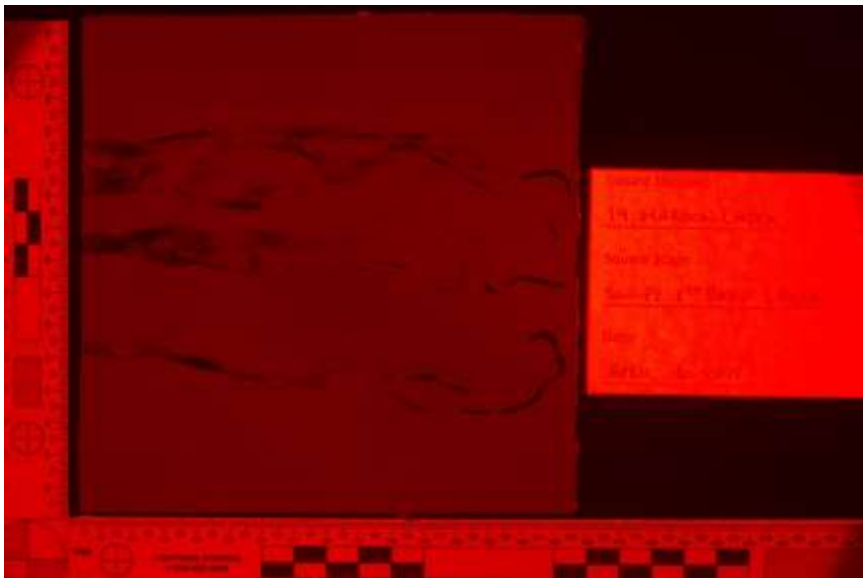
Orange 445nm HDR



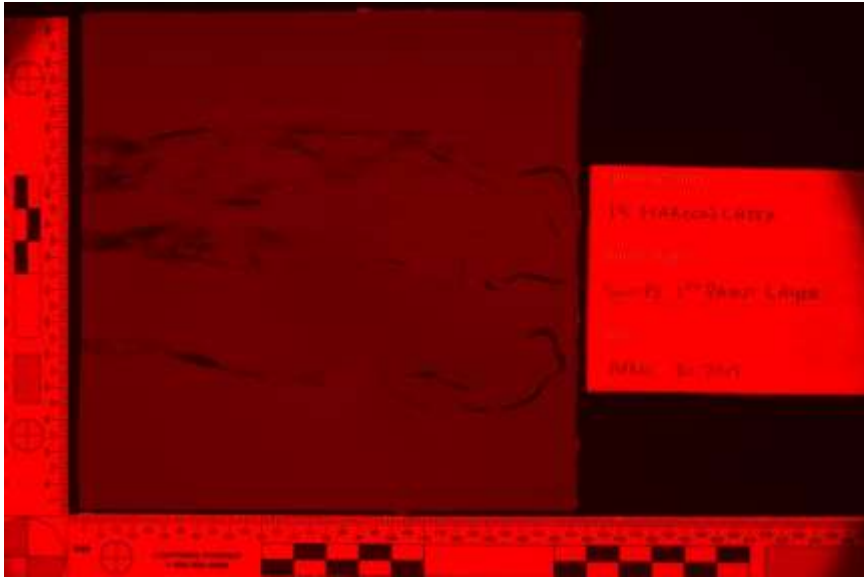
Orange 445nm Single



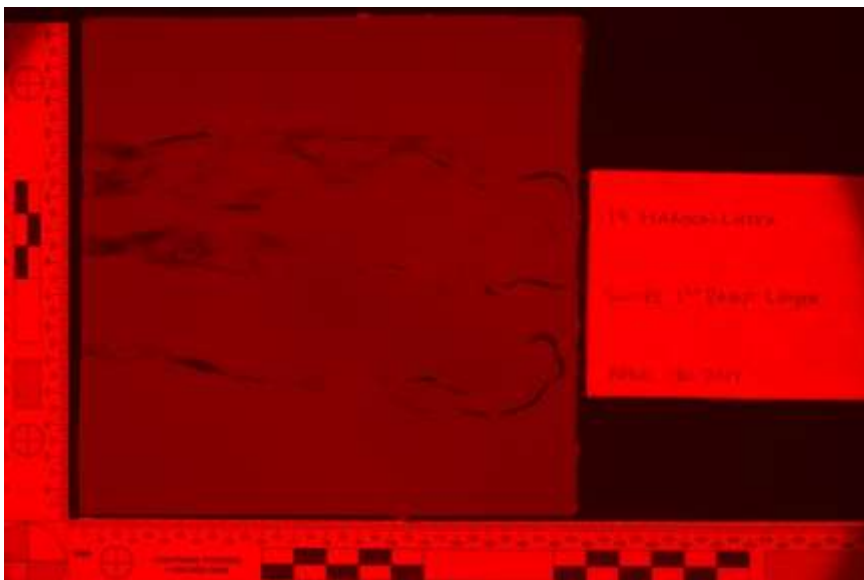
Red 415nm HDR



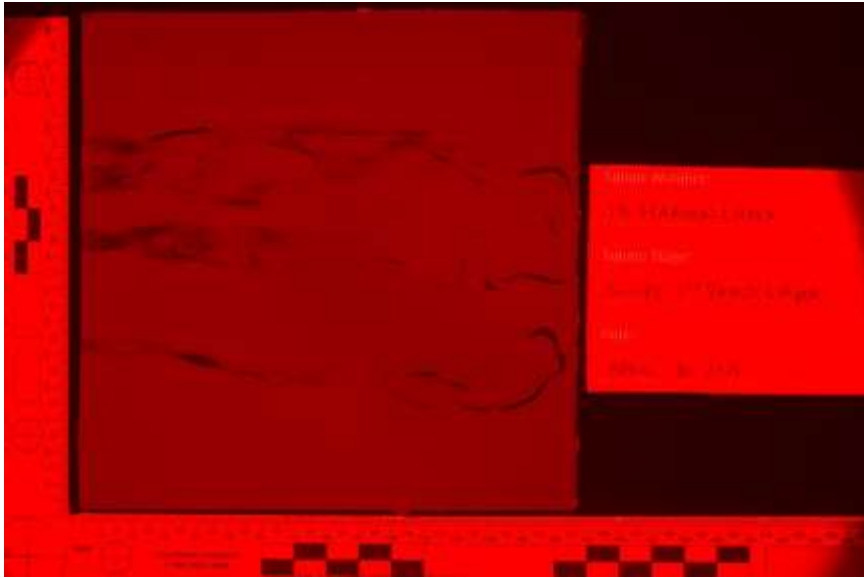
Red 415nm Single



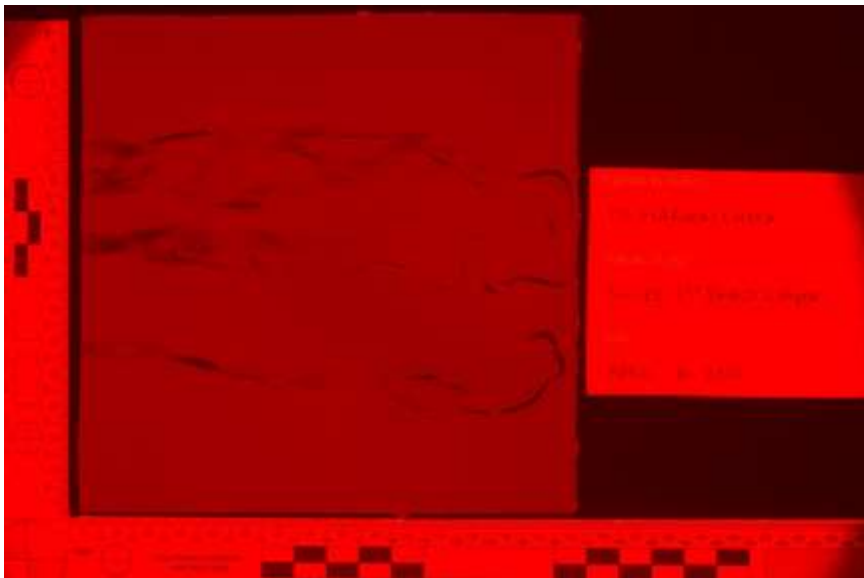
Red 445nm HDR



Red 445nm Single



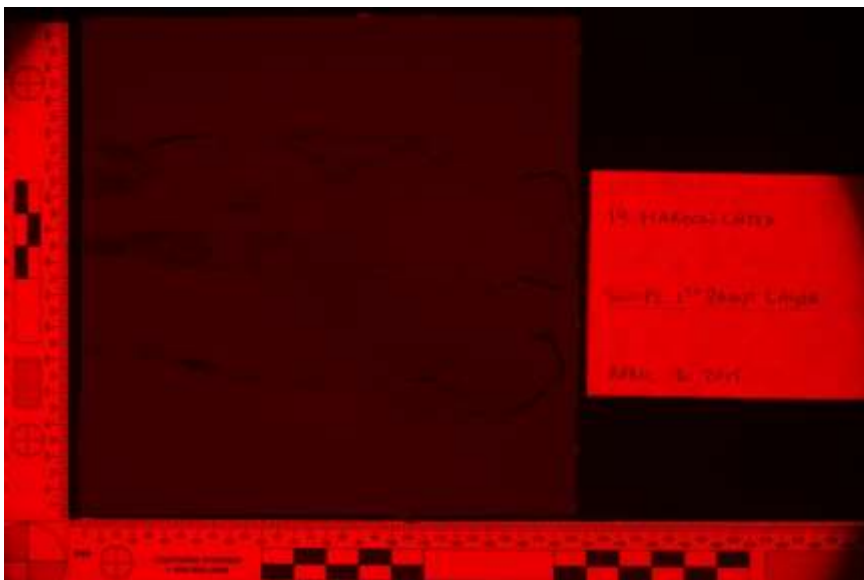
Red 455nm HDR



Red 455nm Single

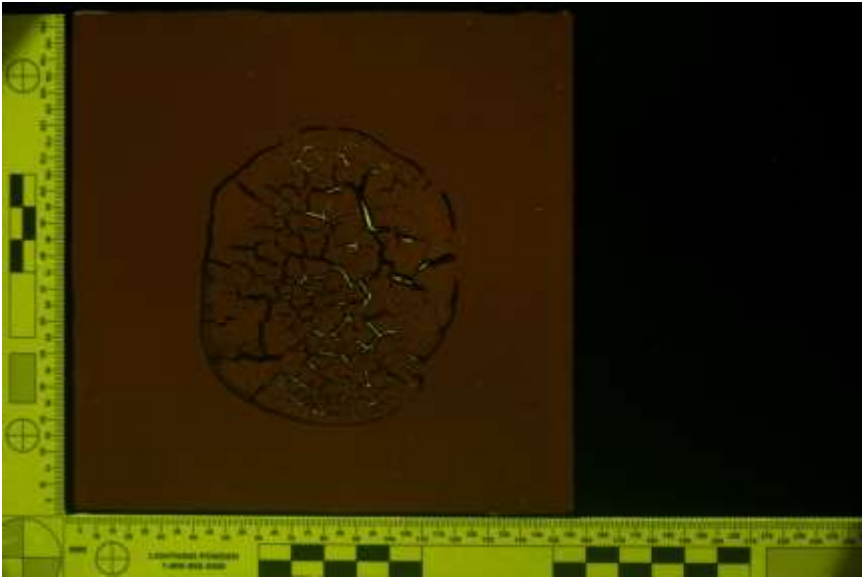


Red 575nm HDR

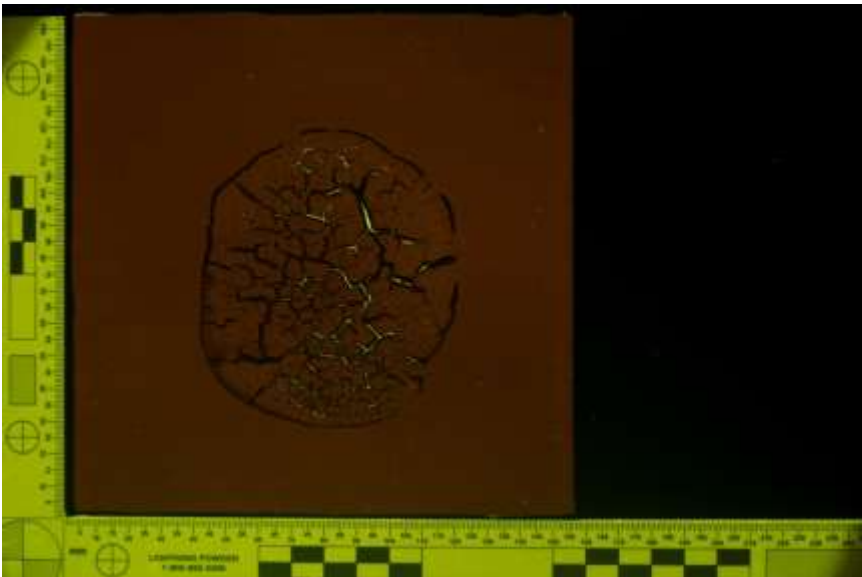


Red 575nm Single

Maroon Latex 15 – Saturated



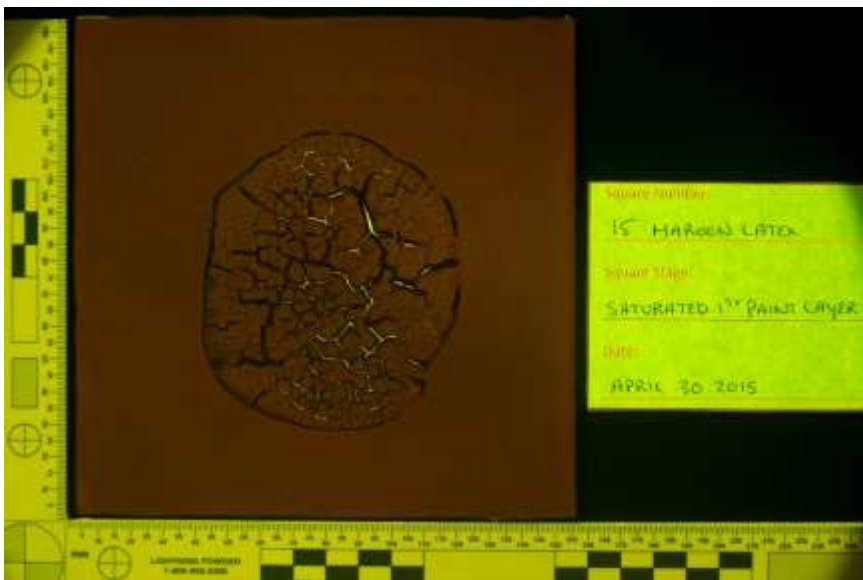
Yellow 415nm HDR



Yellow 415nm Single

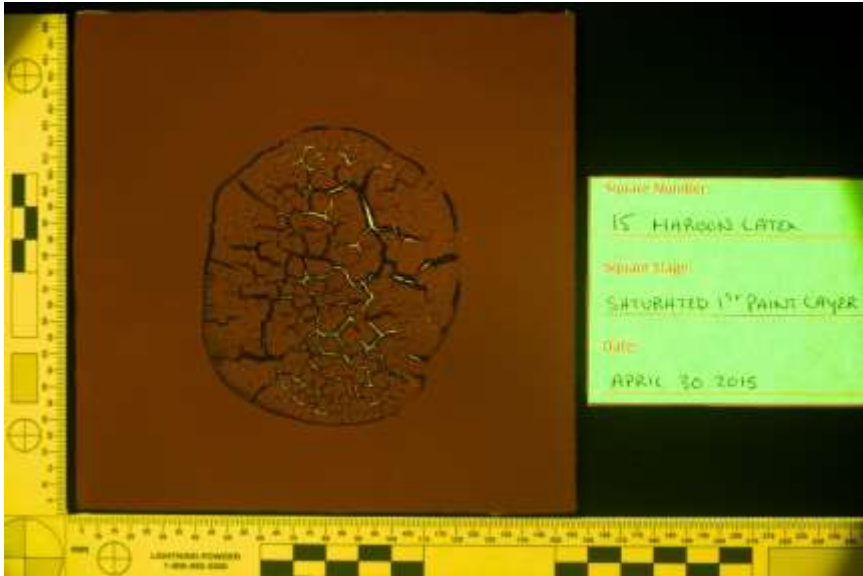


Yellow 445nm HDR

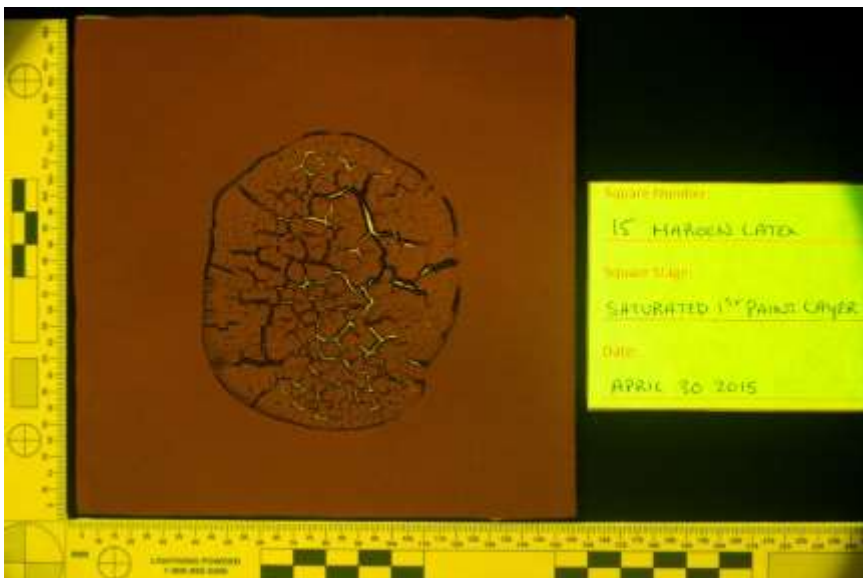


Yellow 445nm Single

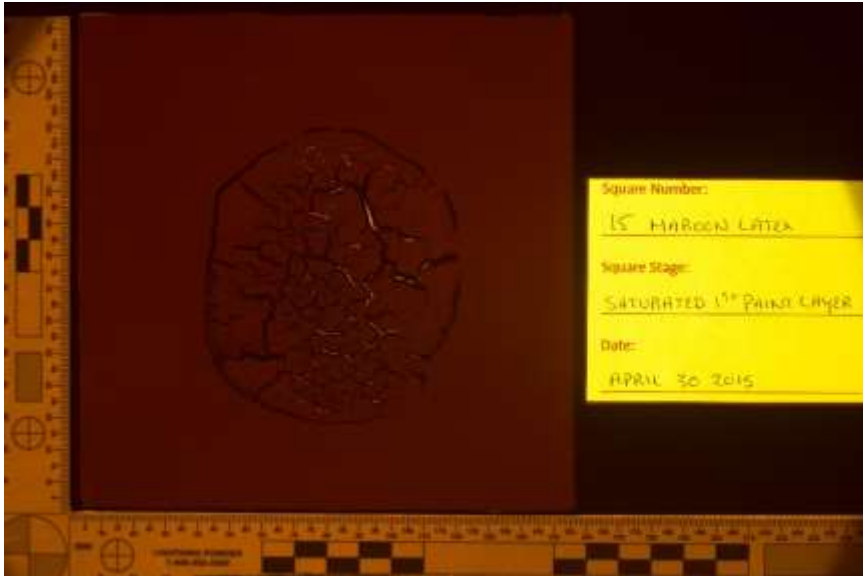




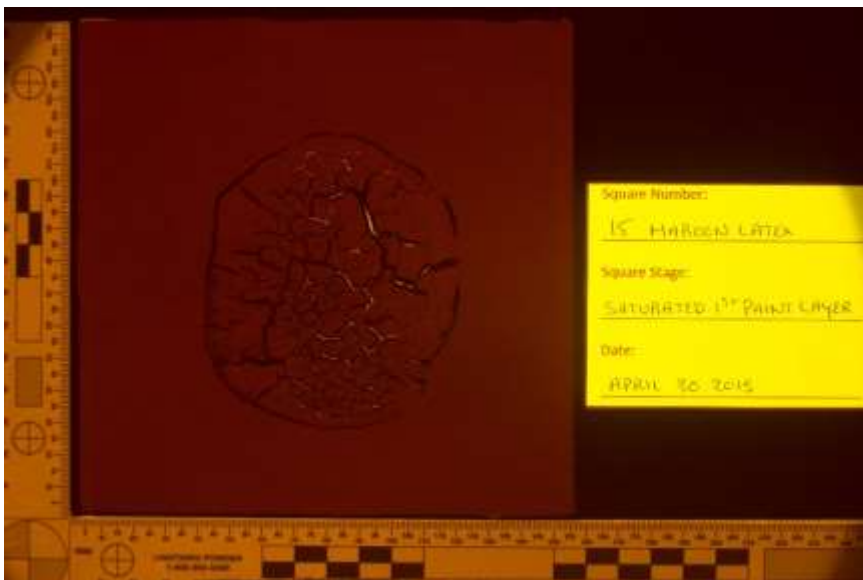
Yellow 455nm HDR



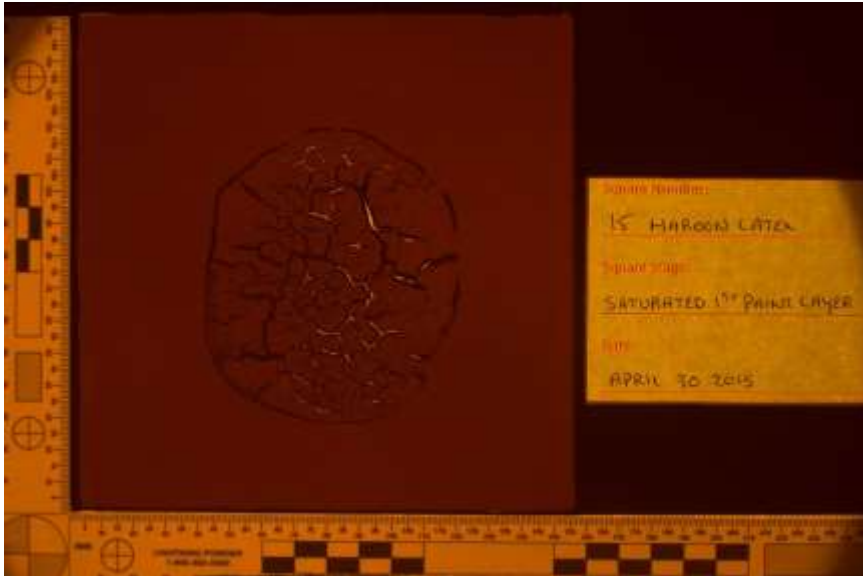
Yellow 455nm Single



Orange 415nm HDR



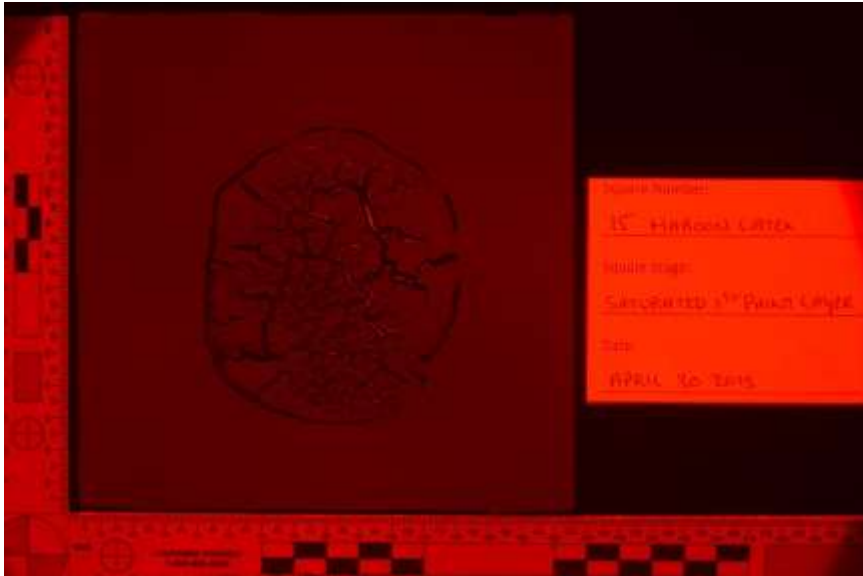
Orange 415nm Single



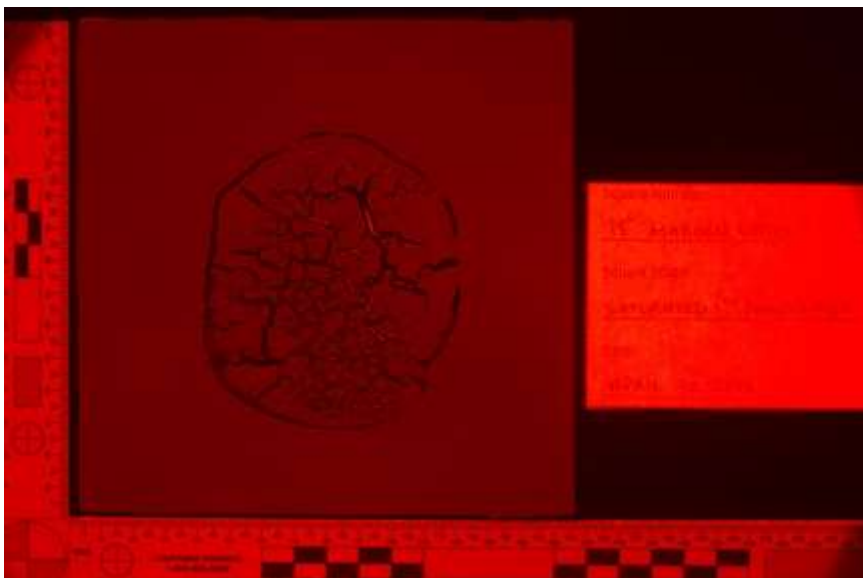
Orange 445nm HDR



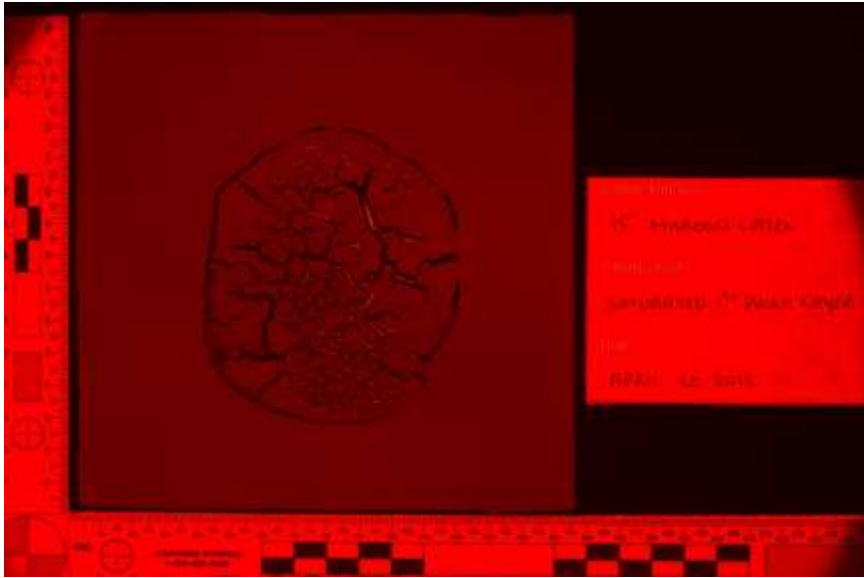
Orange 445nm Single



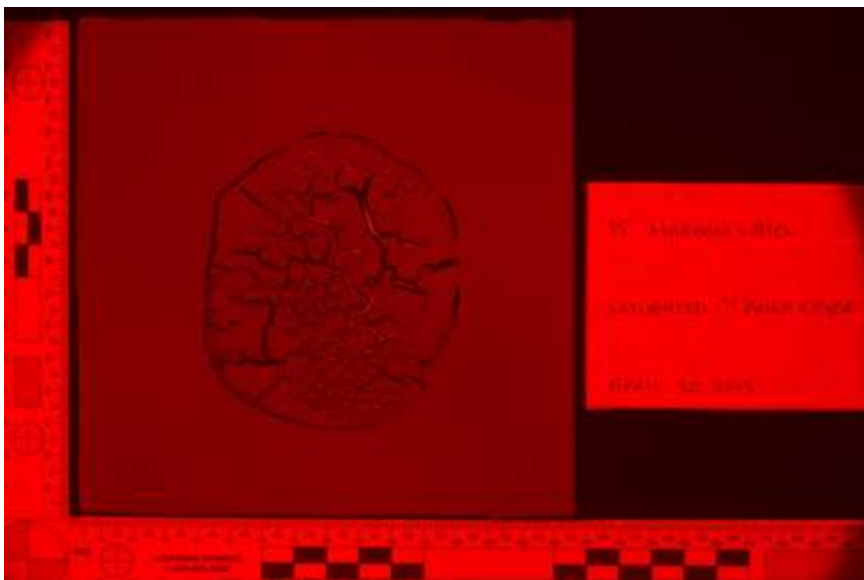
Red 415nm HDR



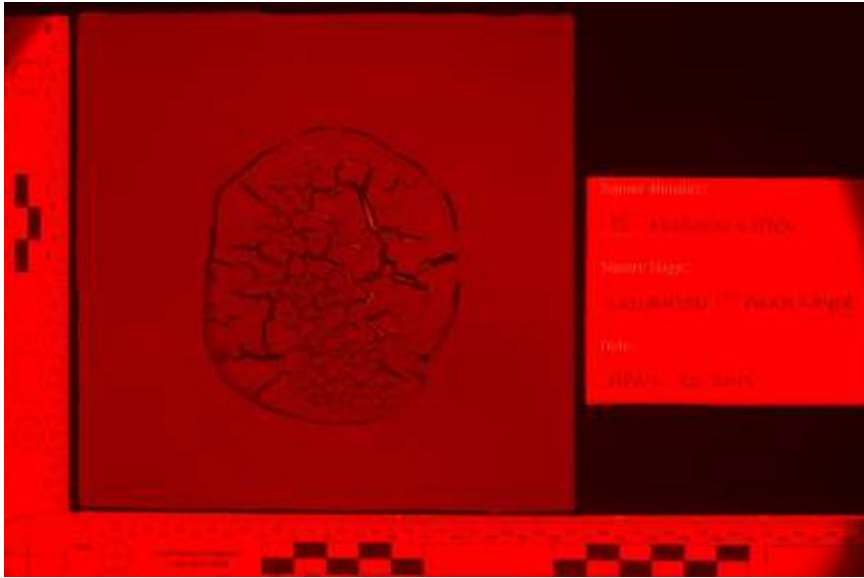
Red 415nm Single



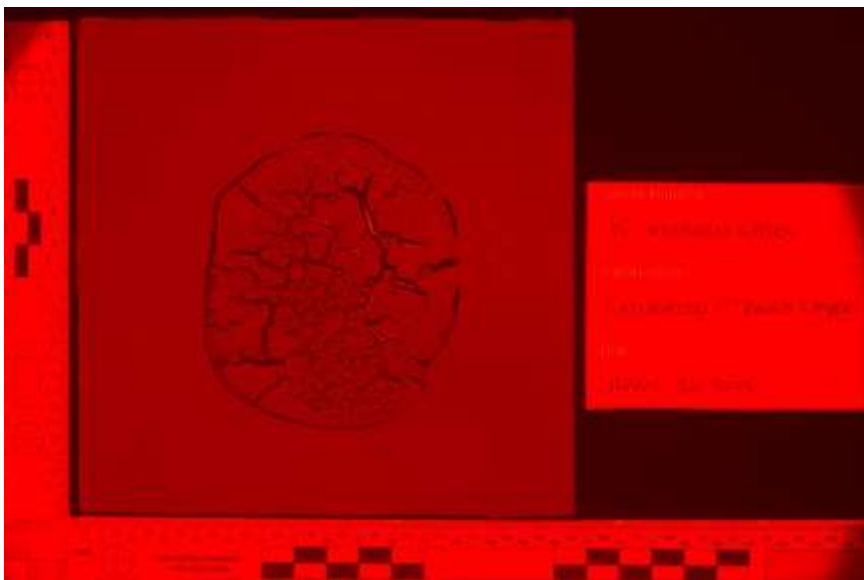
Red 445nm HDR



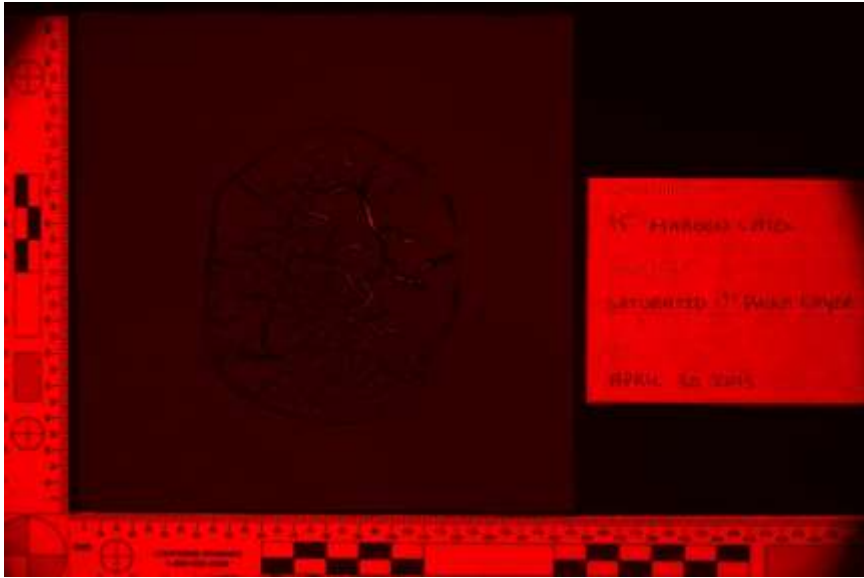
Red 445nm Single



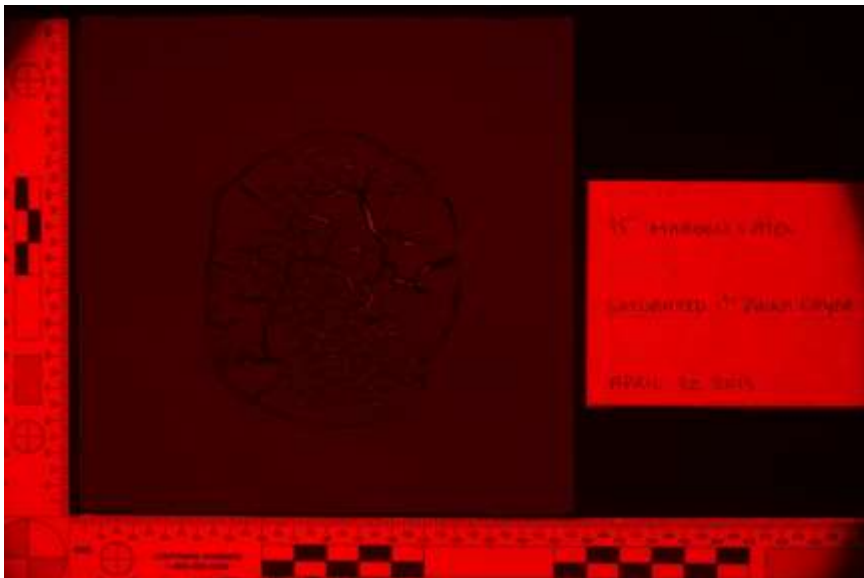
Red 455nm HDR



Red 455nm Single



Red 575nm HDR

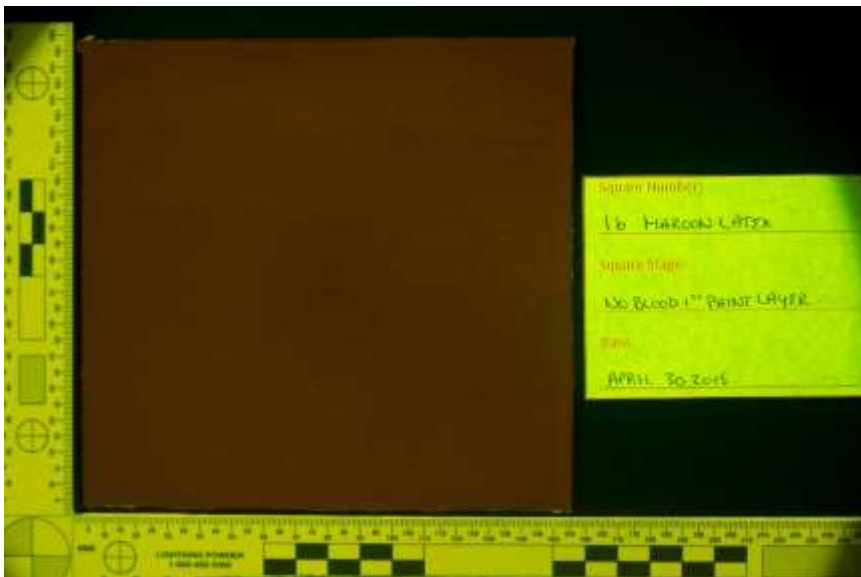


Red 575nm Single

Maroon Latex 16 – Control No Bloodstain

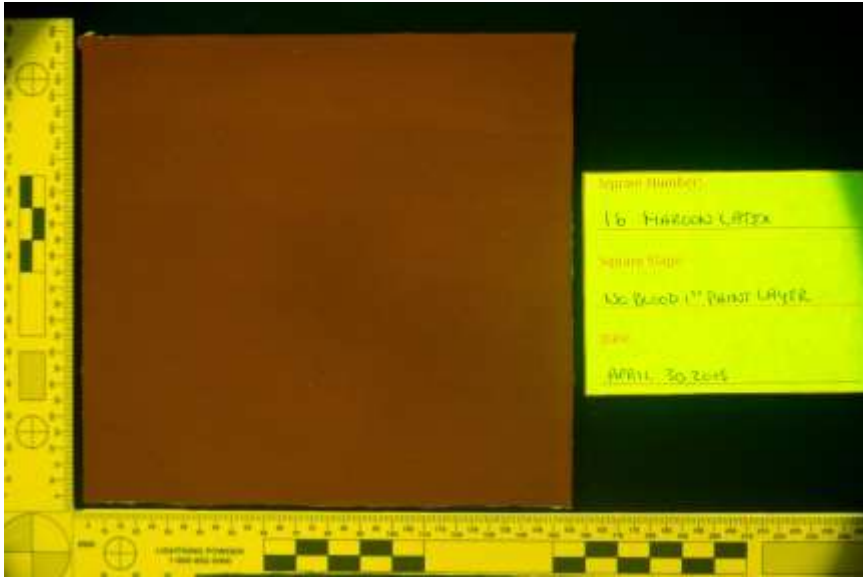


Yellow 415nm HDR



Yellow 445nm HDR





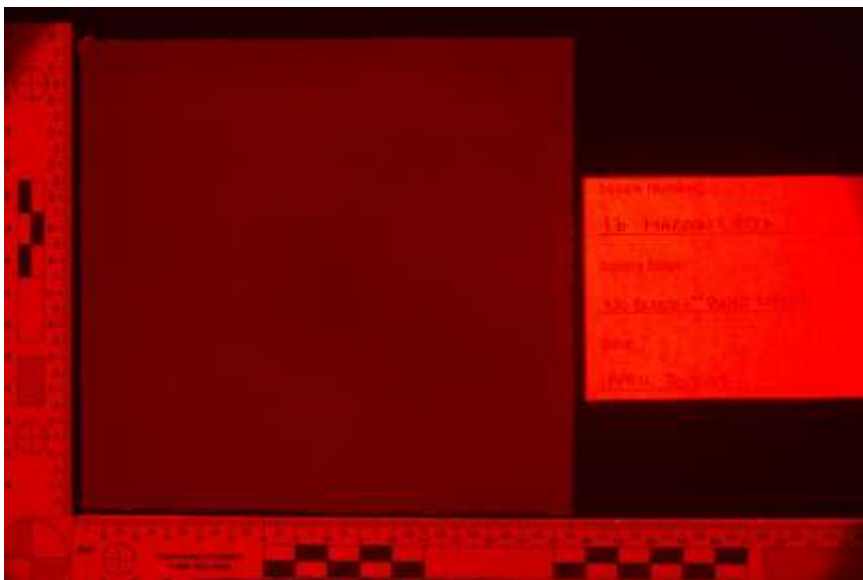
Yellow 455nm HDR



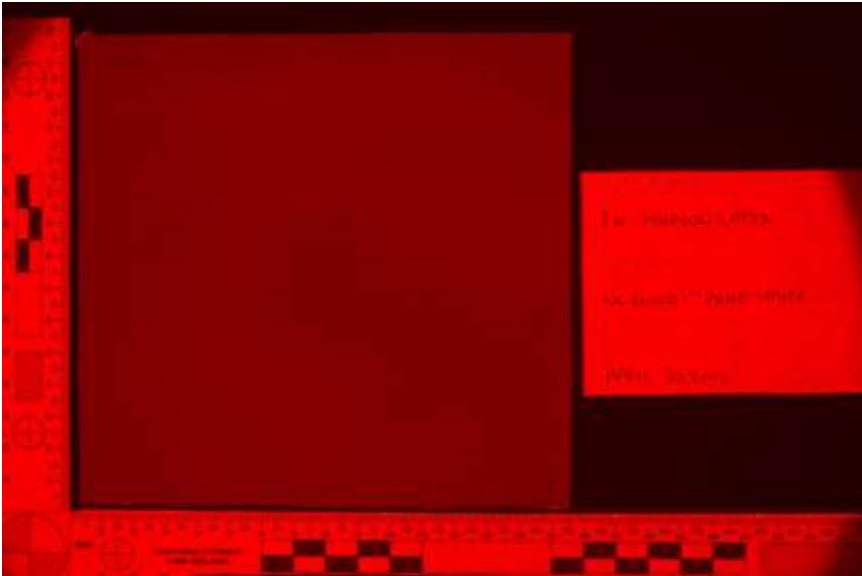
Orange 415nm HDR



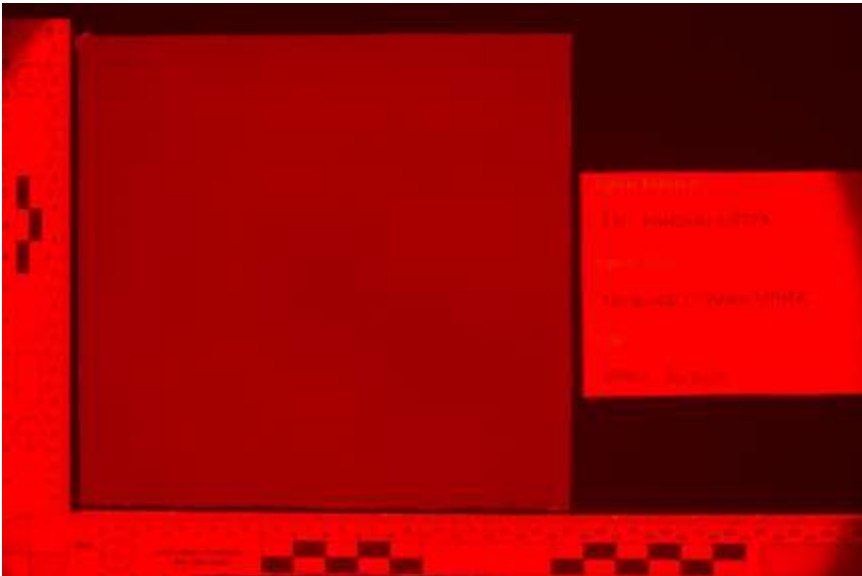
Orange 445nm HDR



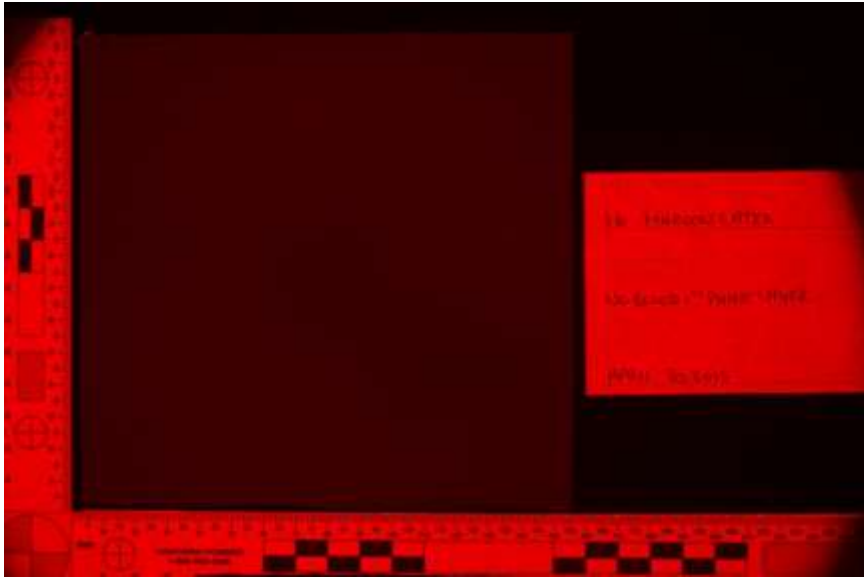
Red 415nm HDR



Red 445nm HDR



Red 455nm HDR



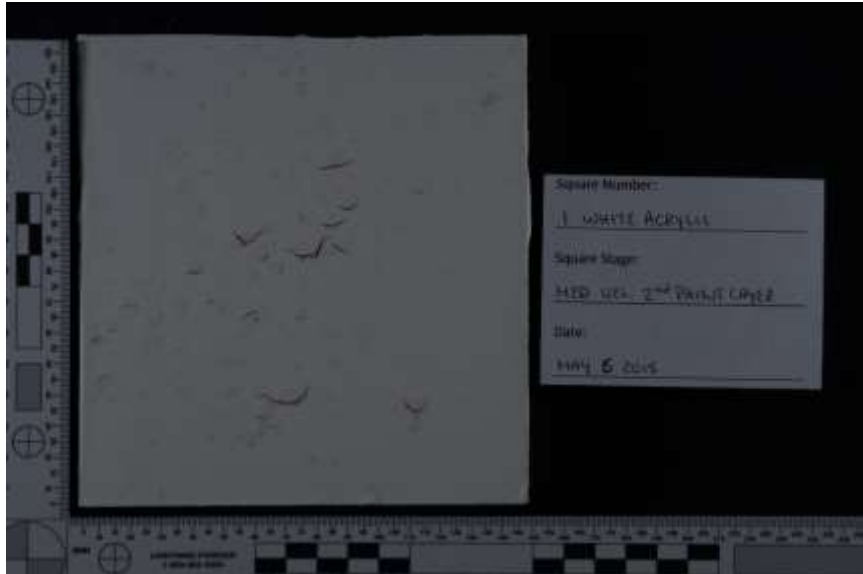
Red 575nm HDR

## Second Layer of Paint over Bloodstain Patterns Stage

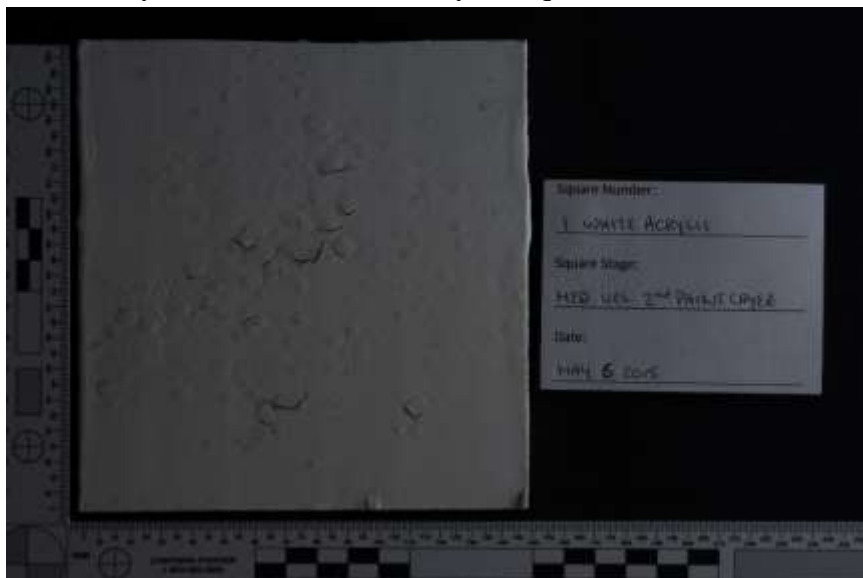
Appendix 4.3.2. Standard Photography

Appendix 4.3.2.1. White Acrylic

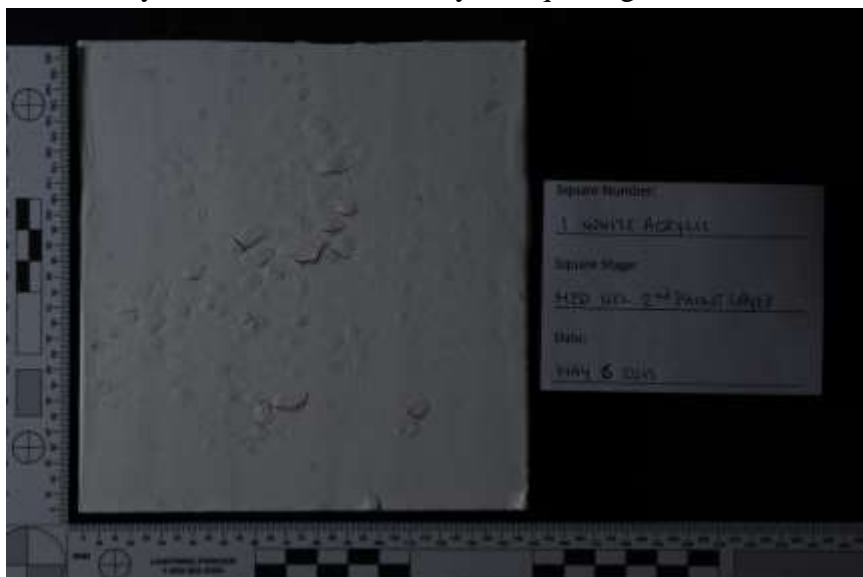
White Acrylic 1 – Medium Velocity



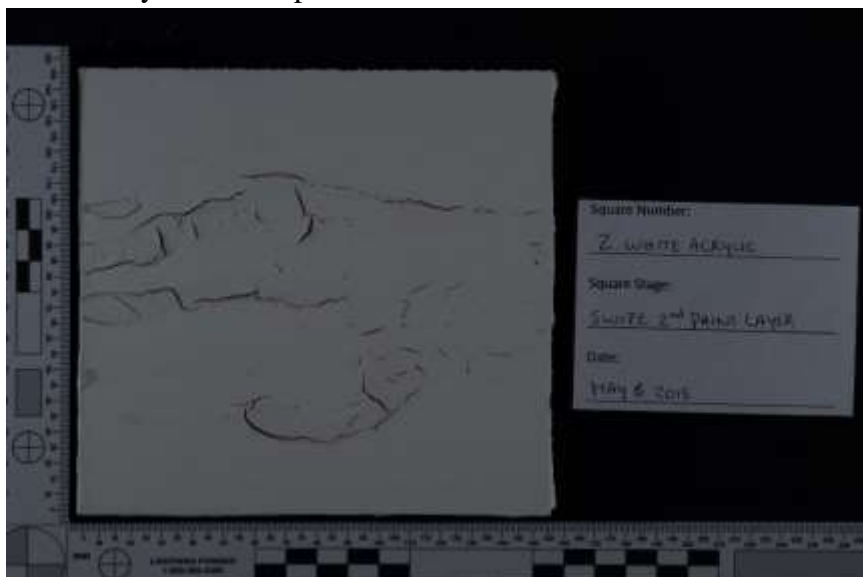
White Acrylic 1 – Medium Velocity Oblique Left



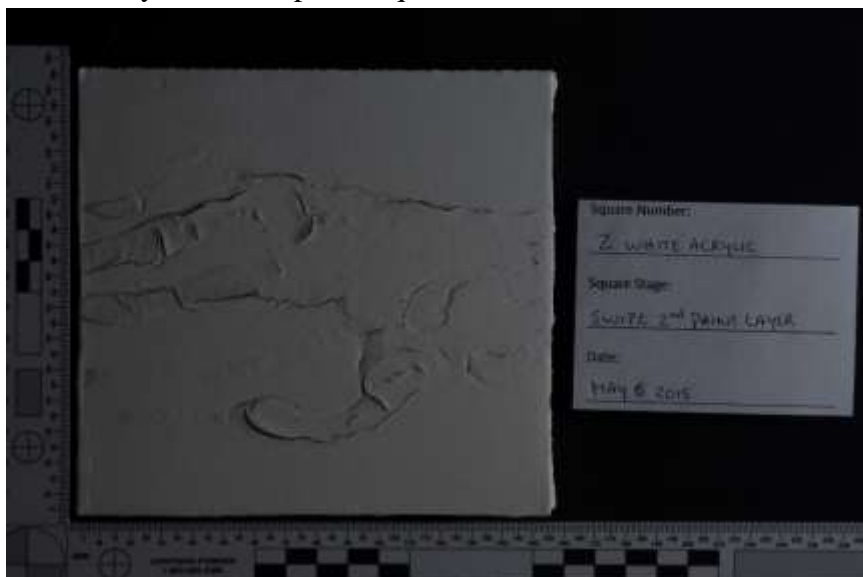
White Acrylic 1 – Medium Velocity Oblique Right



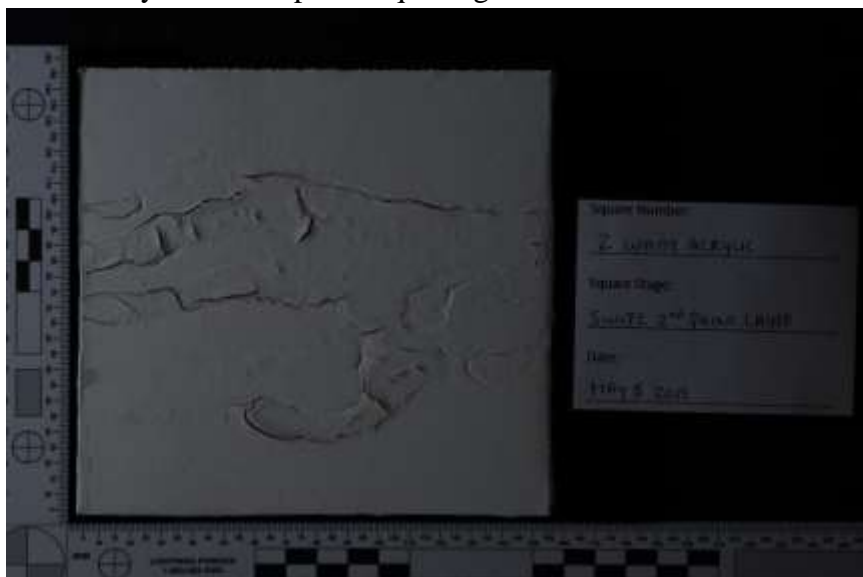
White Acrylic 2 – Swipe



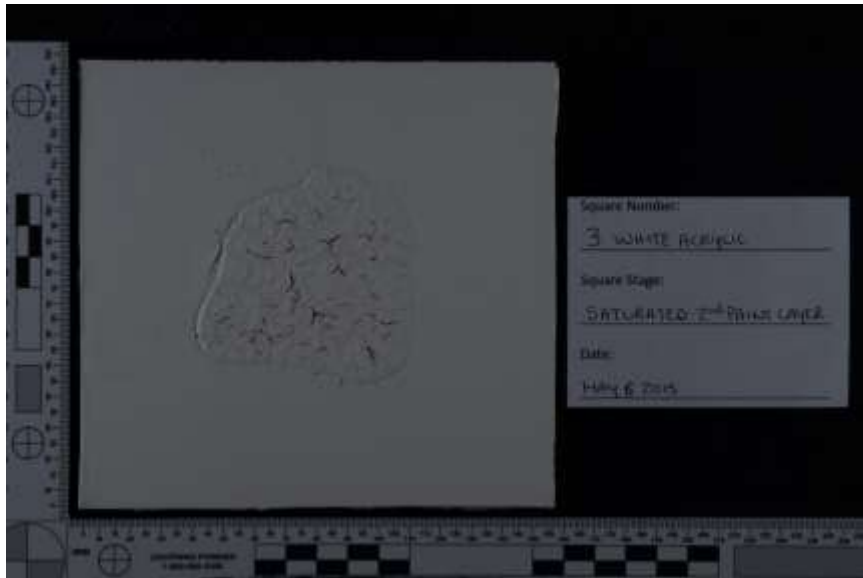
White Acrylic 2 – Swipe Oblique Left



White Acrylic 2 – Swipe Oblique Right



White Acrylic 3 – Saturated



White Acrylic 3 – Saturated Oblique Left

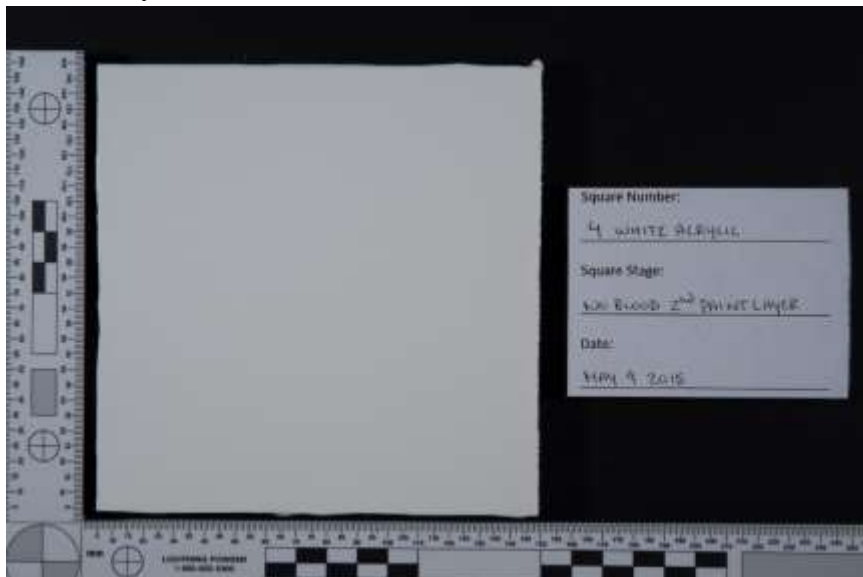




White Acrylic 3 – Saturated Oblique Right



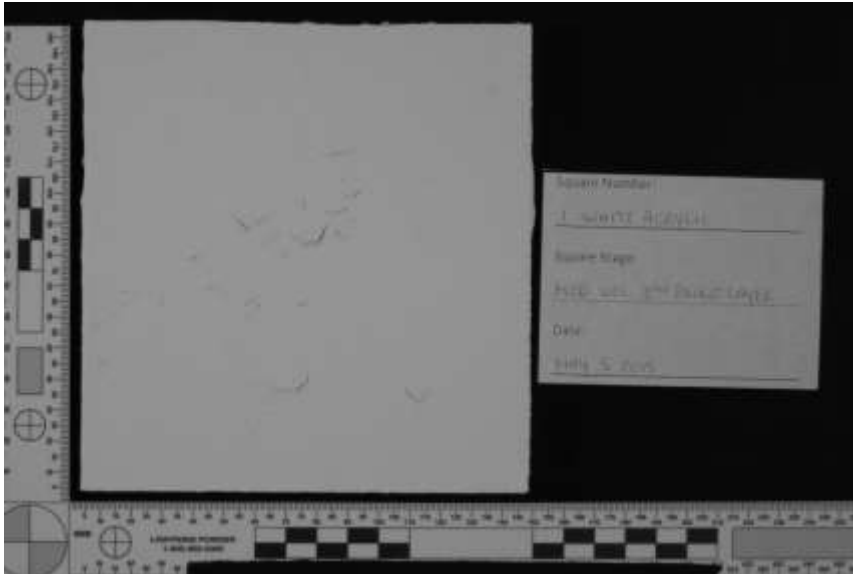
White Acrylic 4 – Control No Bloodstain



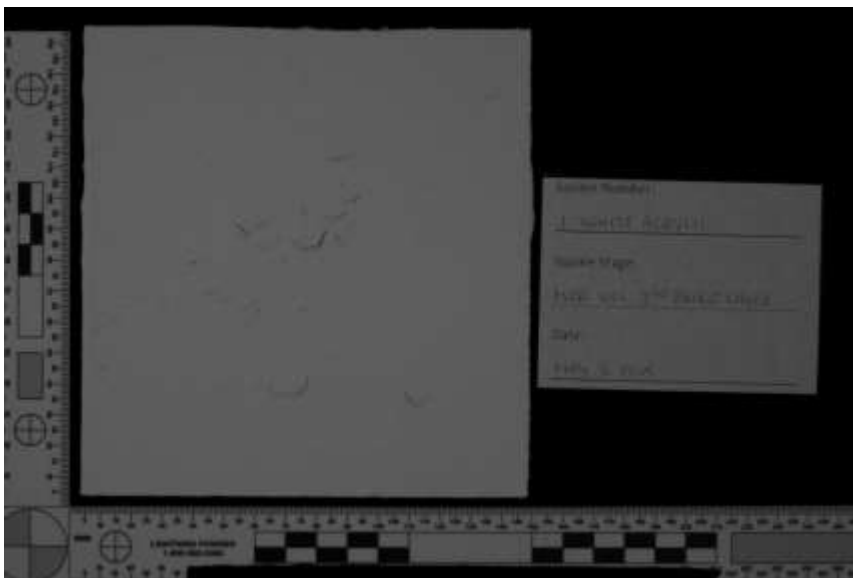
Appendix 4.3.3. Reflective Infrared Photography

Appendix 4.3.3.1. White Acrylic 87A, 87B, 88A, 89B Oblique Second layer of paint stage

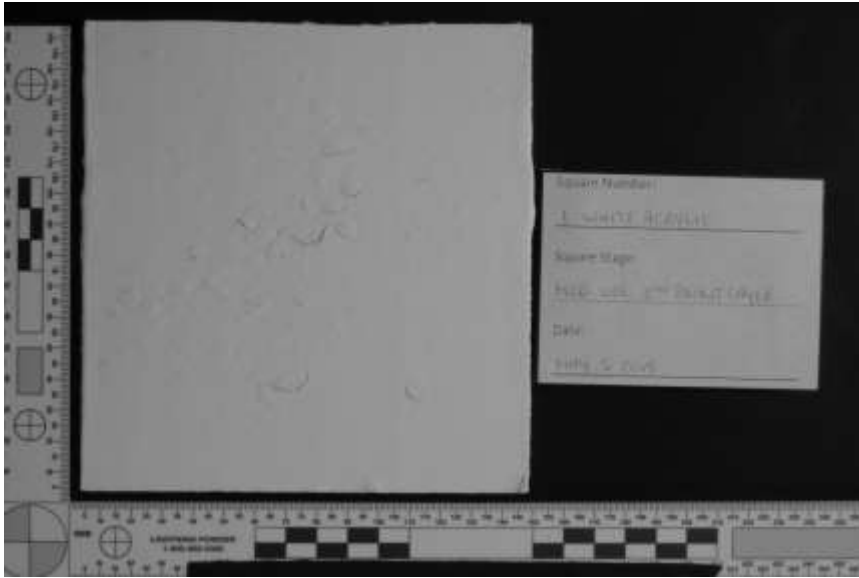
White Acrylic 1 – Medium Velocity



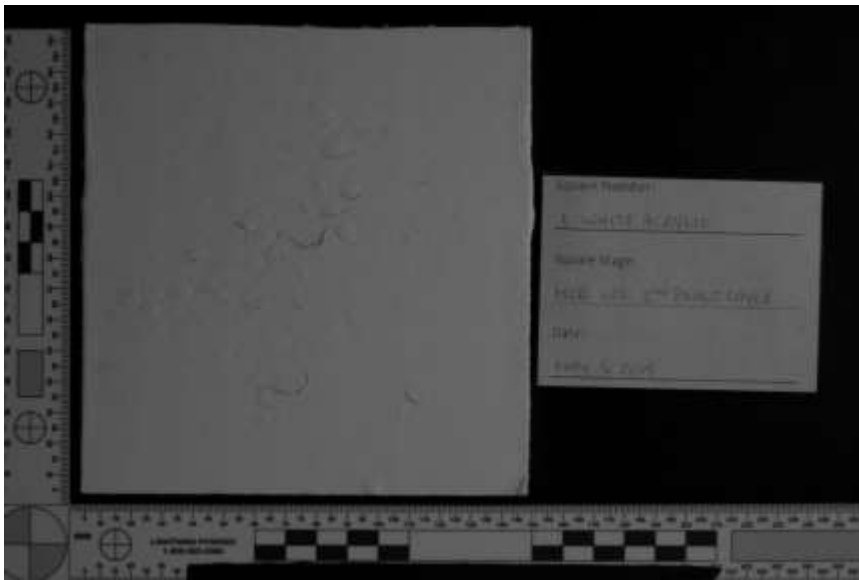
Longpass 87A HDR



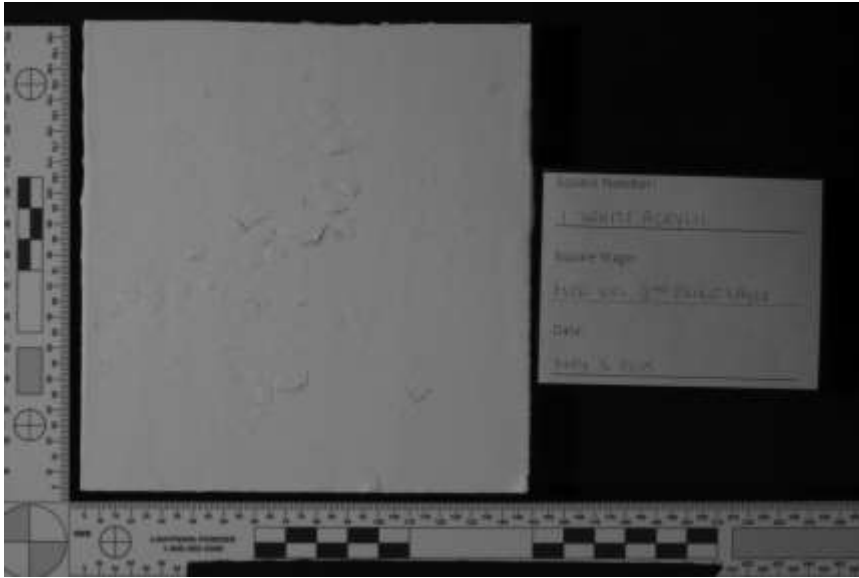
Longpass 87A Single



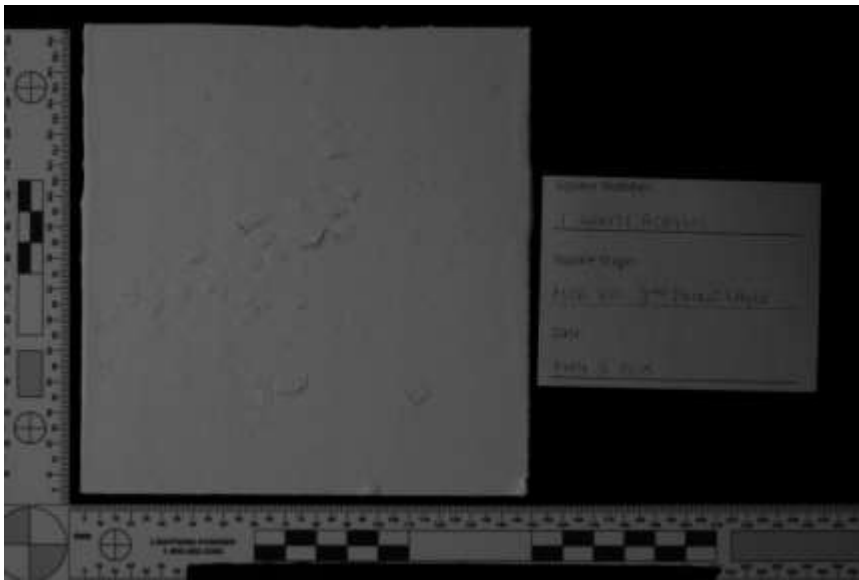
Longpass 87A HDR Left Oblique



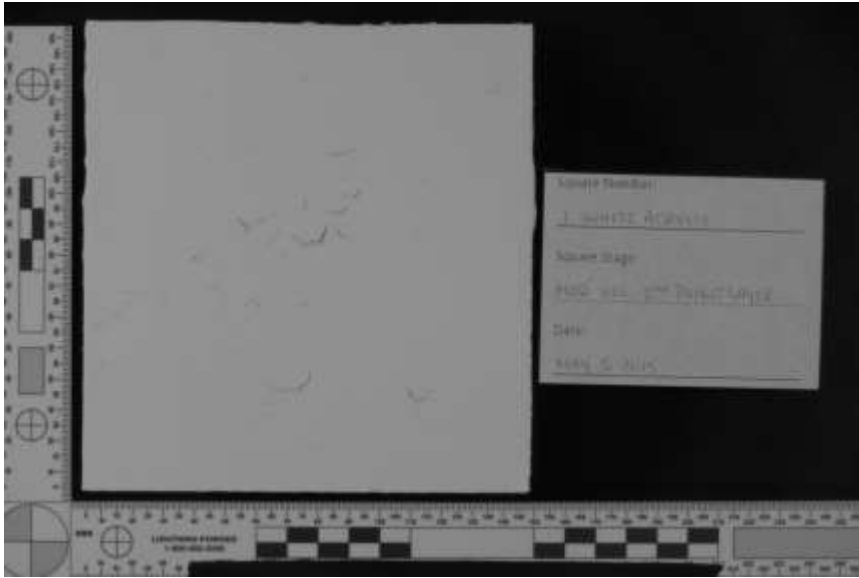
Longpass 87A Single Left Oblique



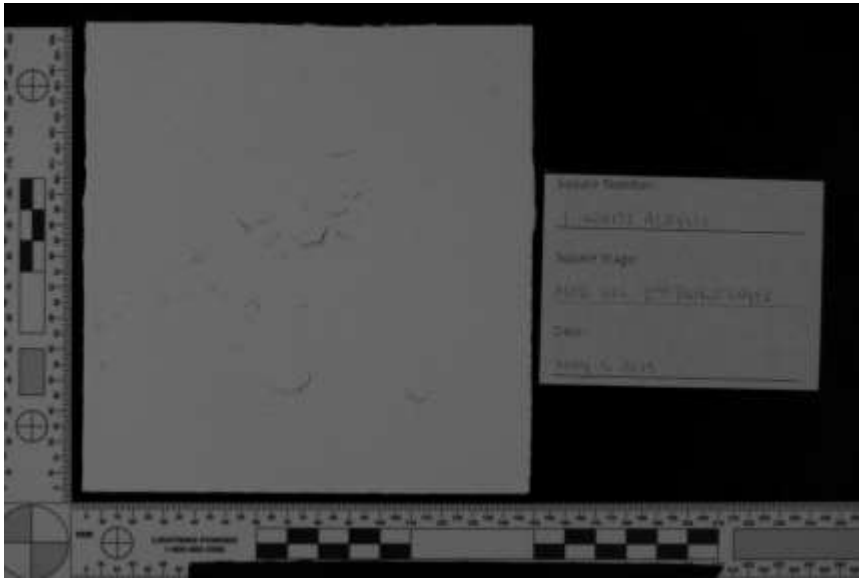
Longpass 87A HDR Right Oblique



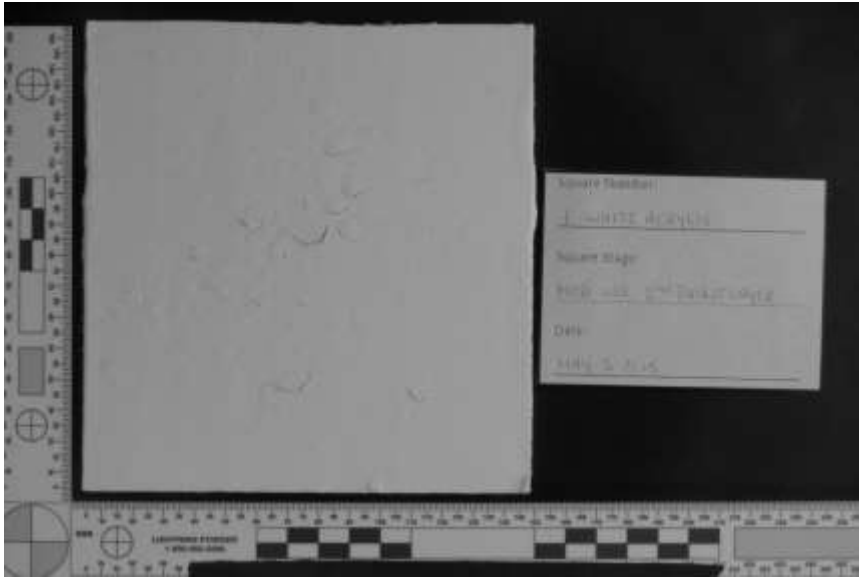
Longpass 87A Single Right Oblique



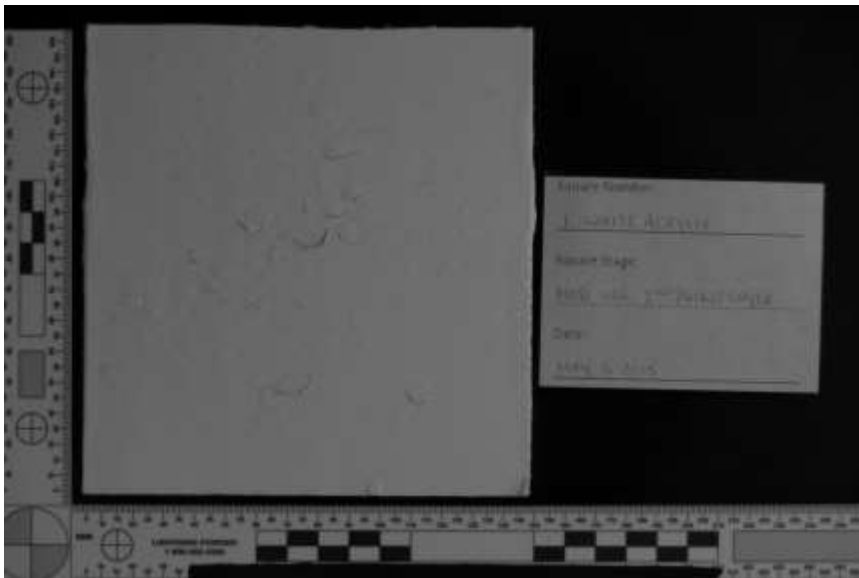
Longpass 87B HDR



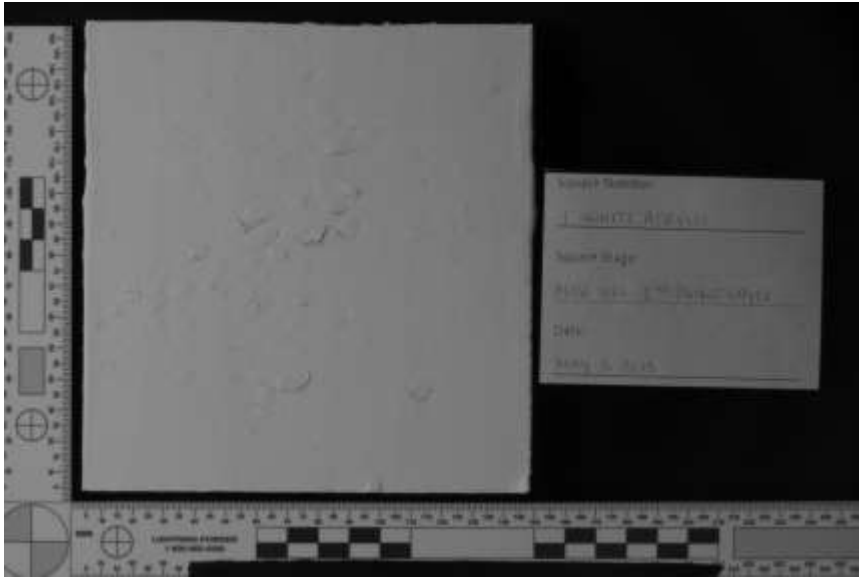
Longpass 87B Single



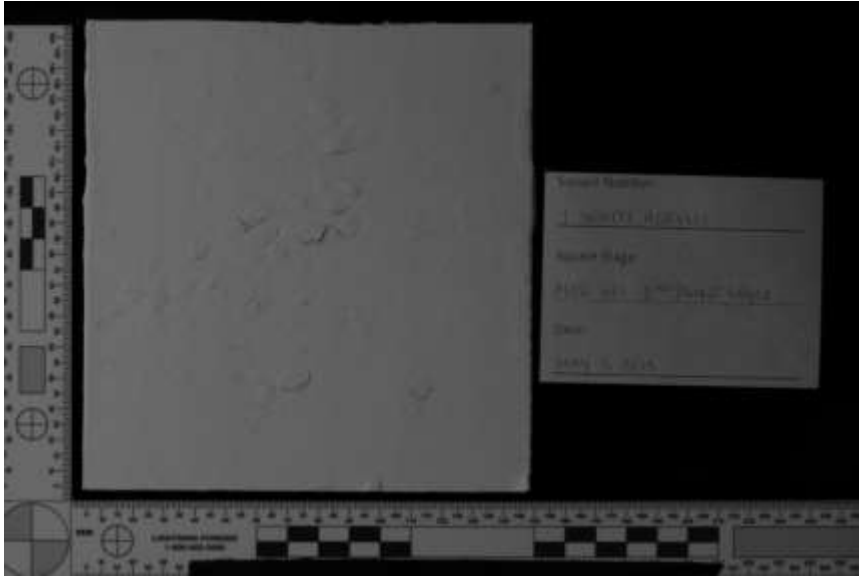
Longpass 87B HDR Left Oblique



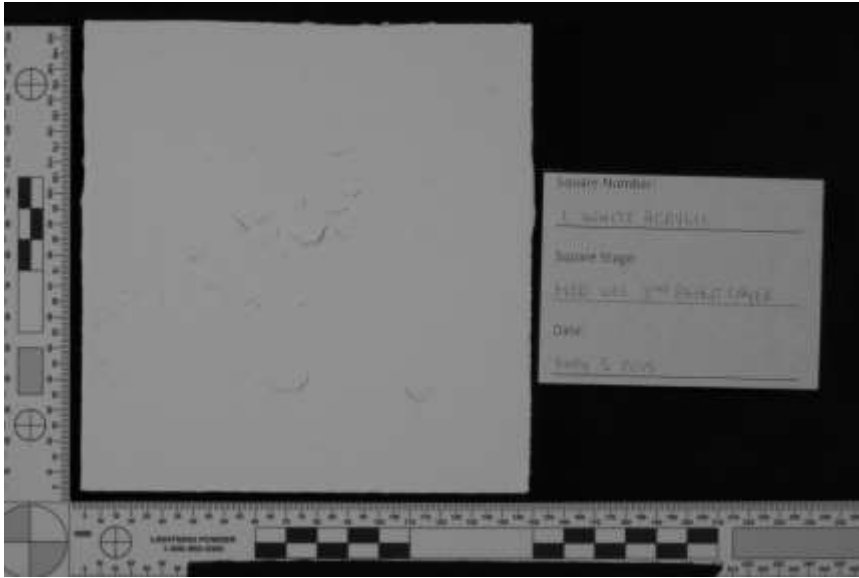
Longpass 87B Single Left Oblique



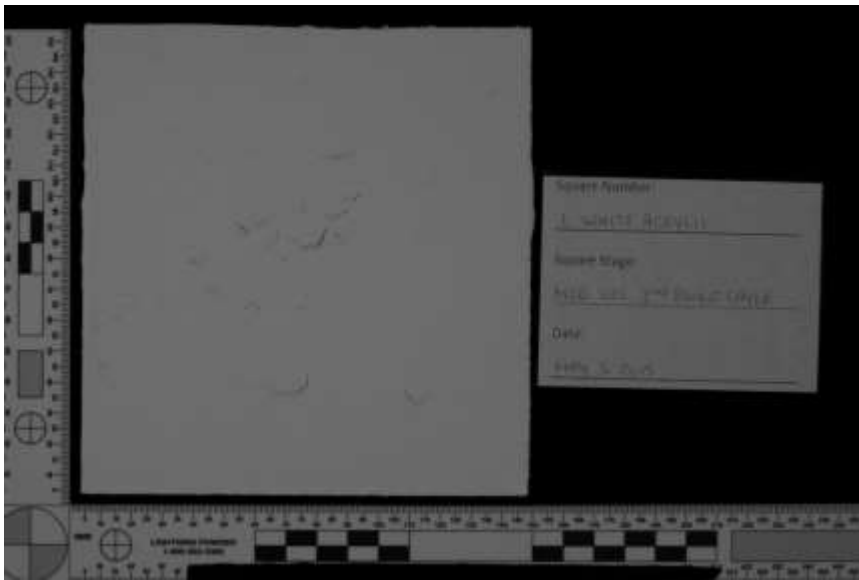
Longpass 87B HDR Right Oblique



Longpass 87B Single Right Oblique

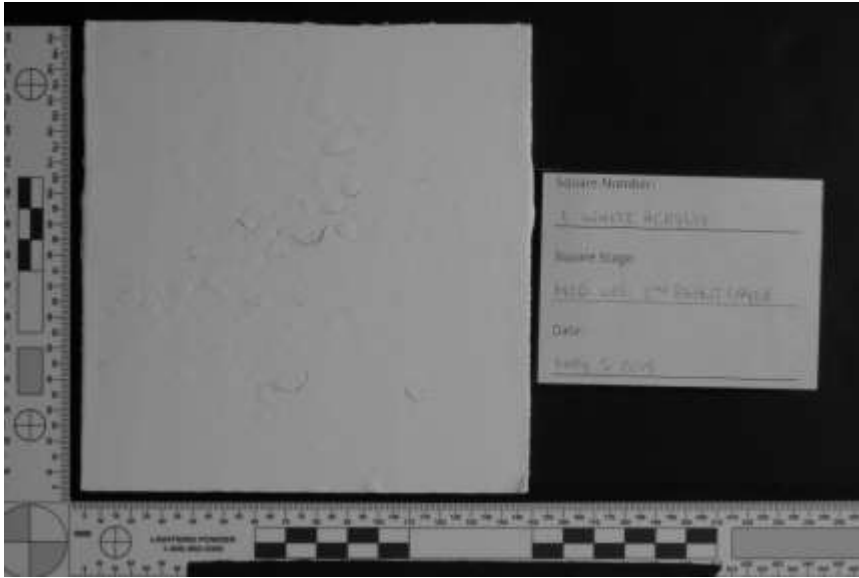


Longpass 88A HDR

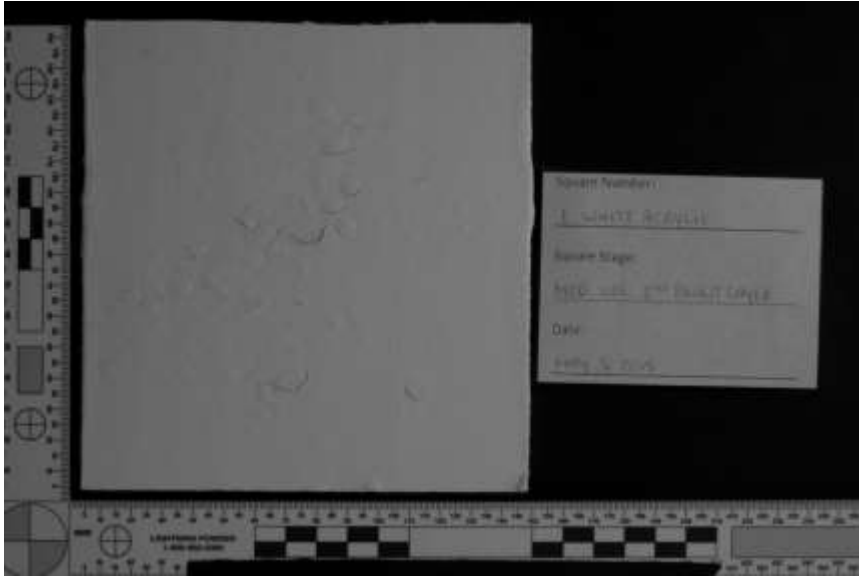


Longpass 88A Single

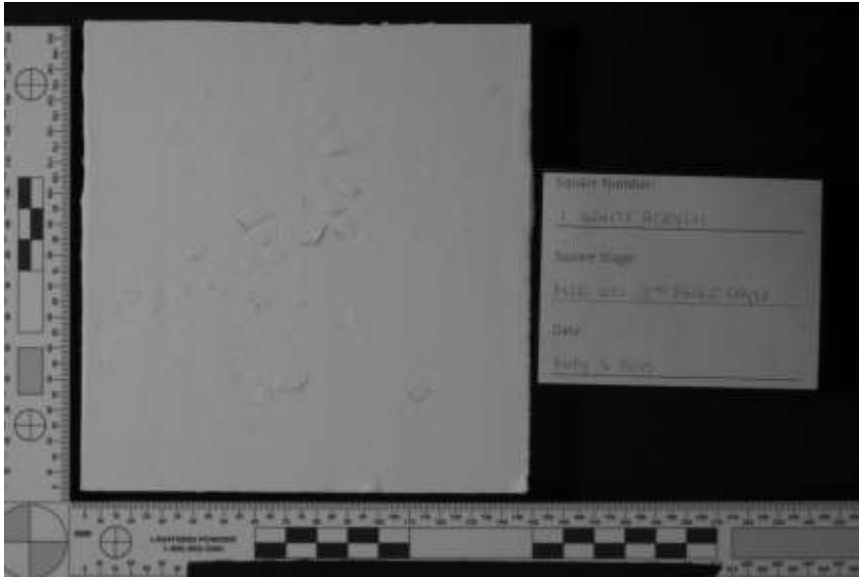




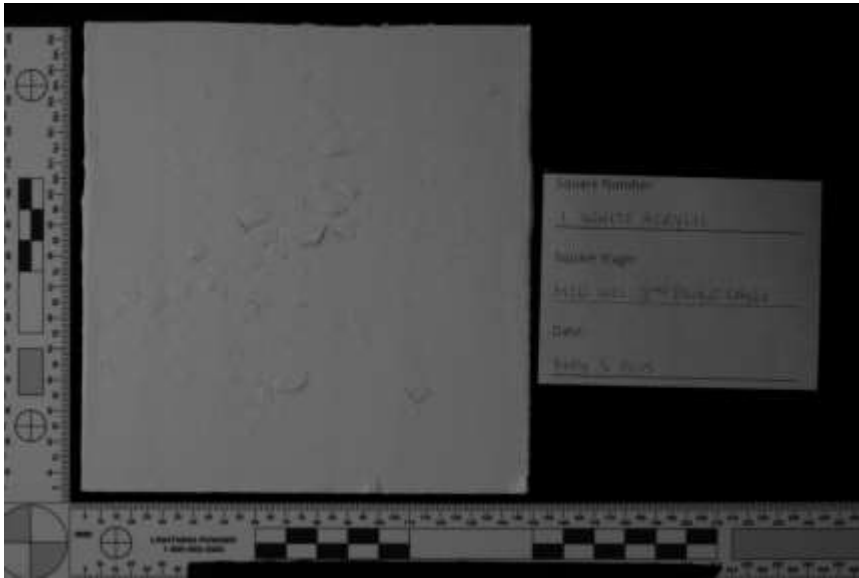
Longpass 88A HDR Left Oblique



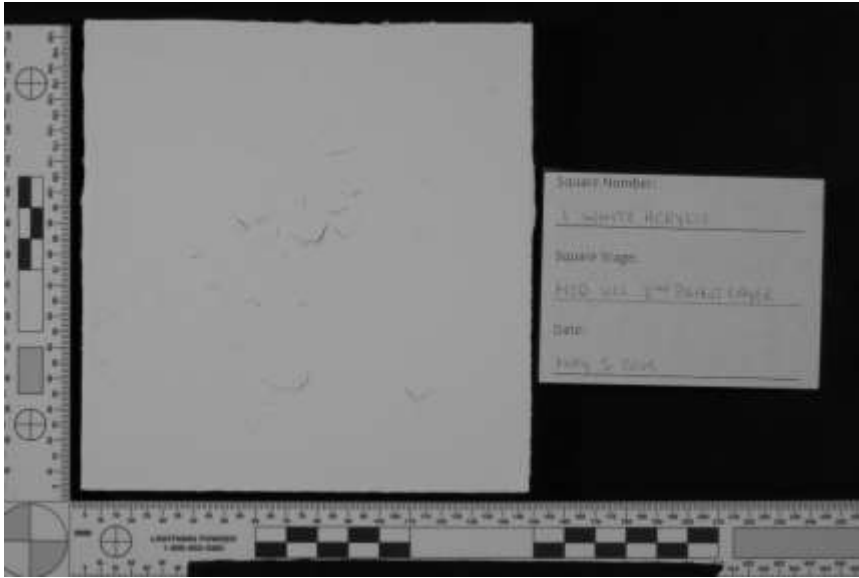
Longpass 88A Single Left Oblique



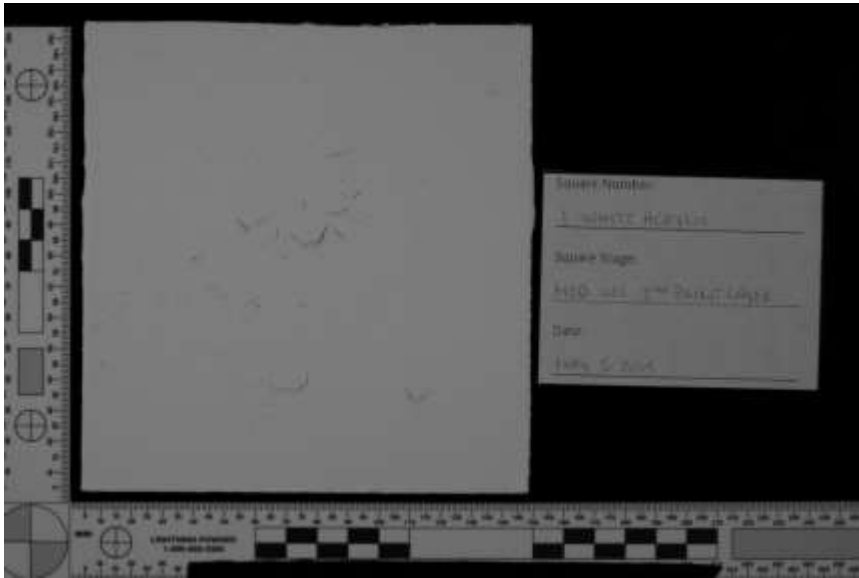
Longpass 88A HDR Right Oblique



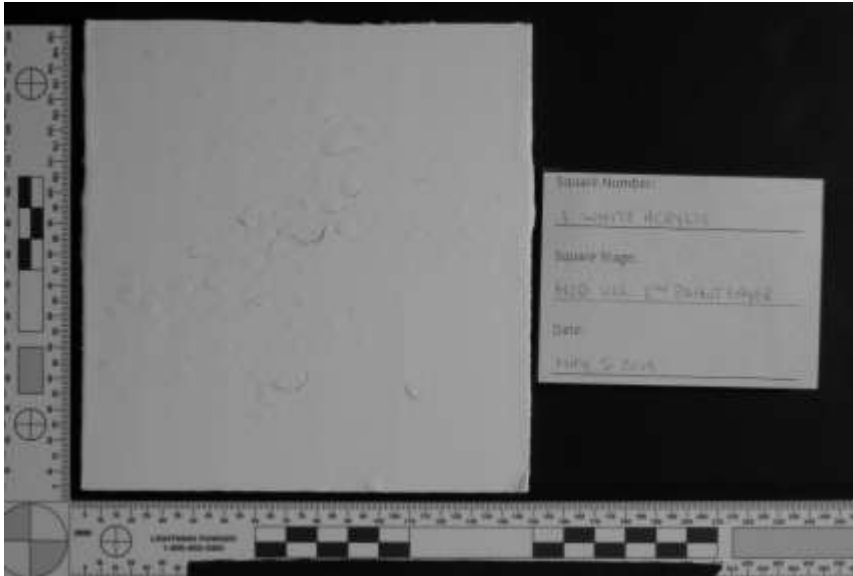
Longpass 88A Single Right Oblique



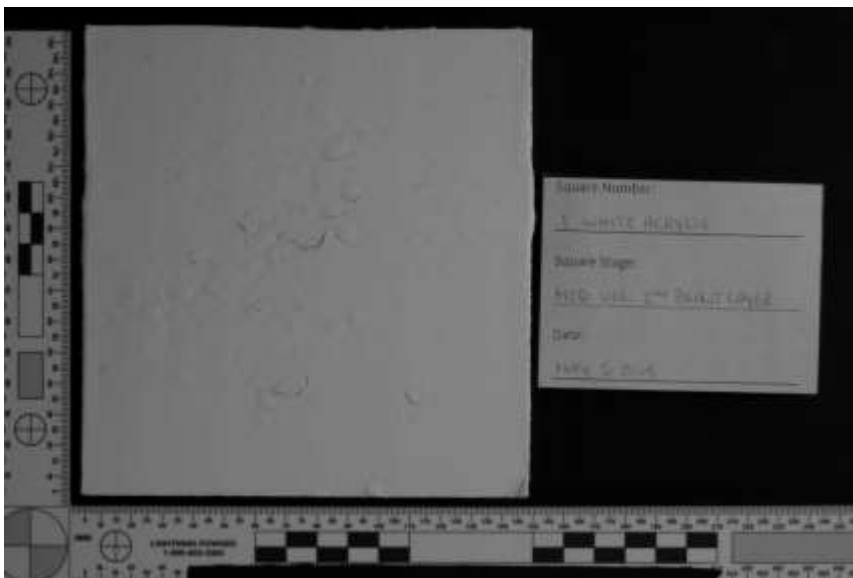
Longpass 89B HDR



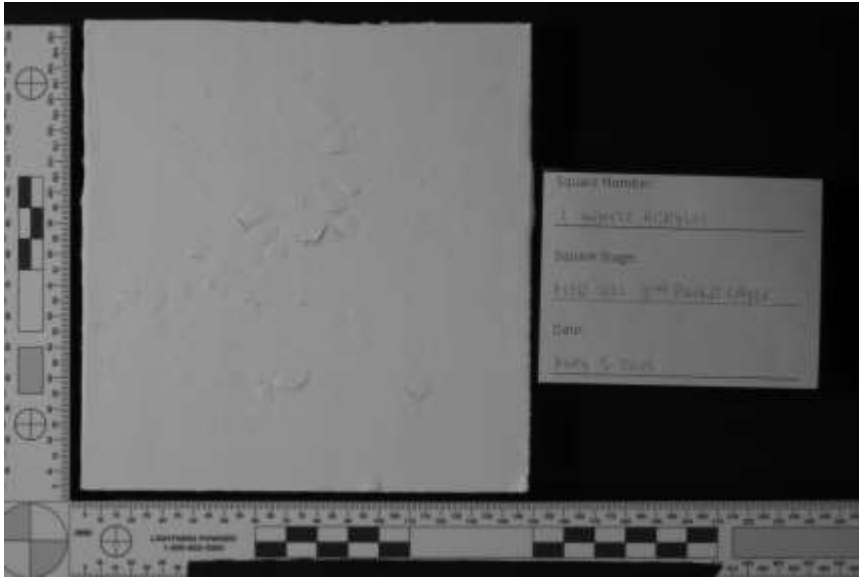
Longpass 89B Single



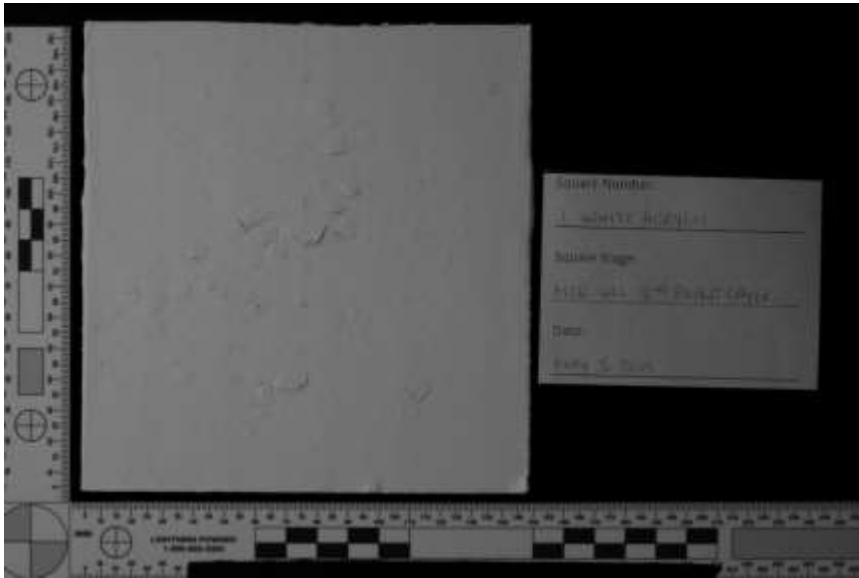
Longpass 89B HDR Left Oblique



Longpass 89B Single Left Oblique

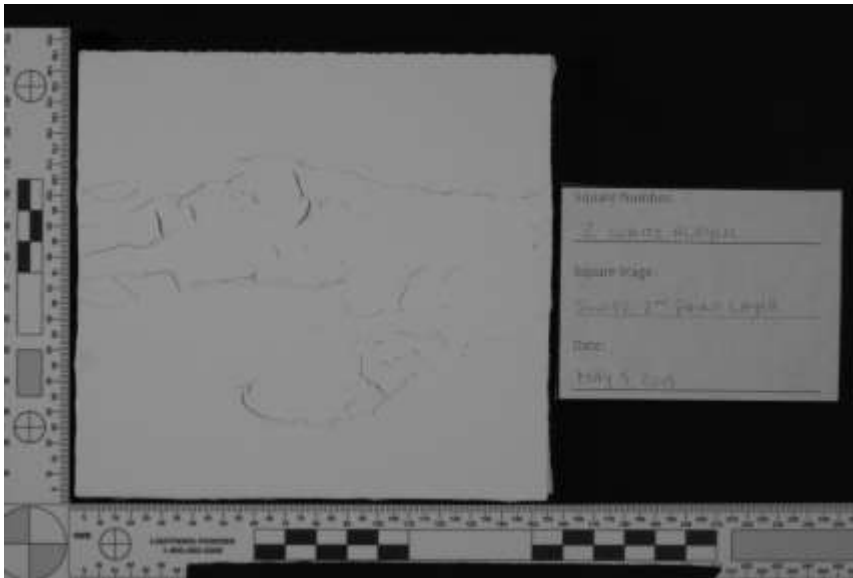


Longpass 89B HDR Right Oblique

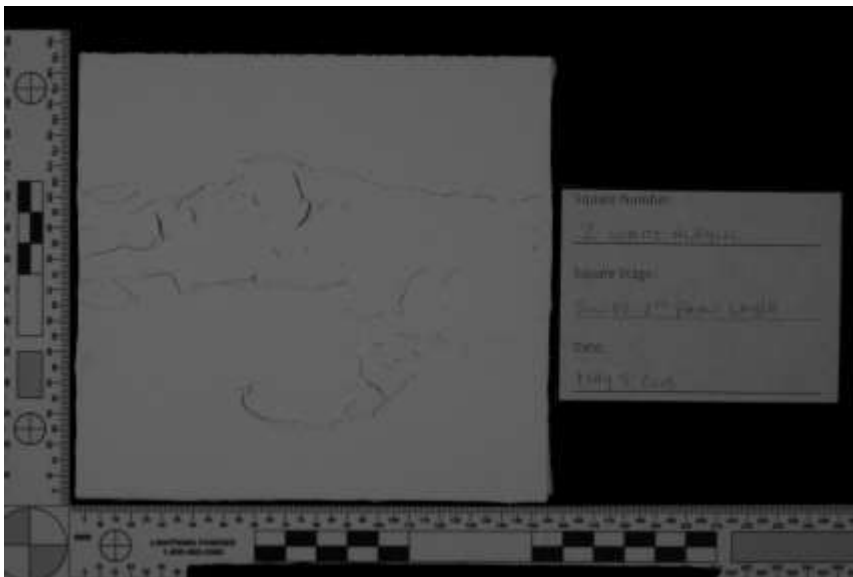


Longpass 89B Single Right Oblique

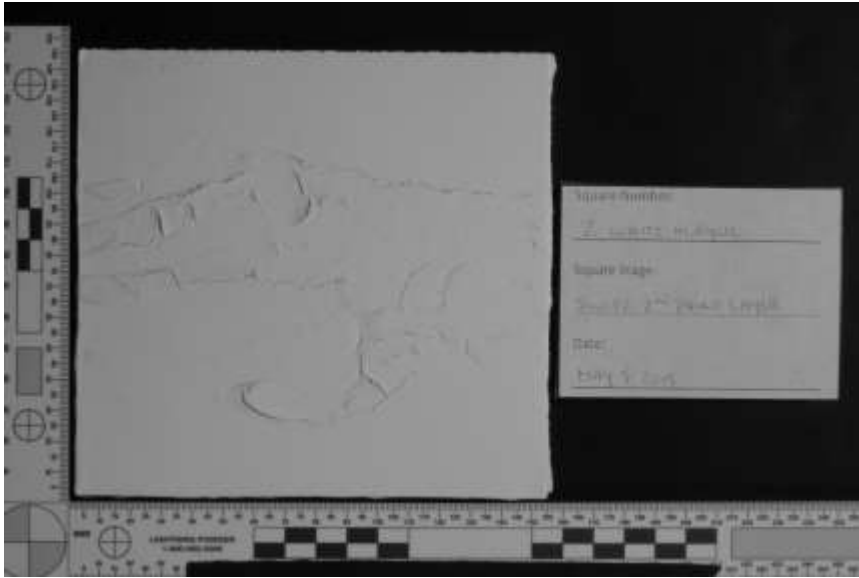
White Acrylic 2 – Swipe



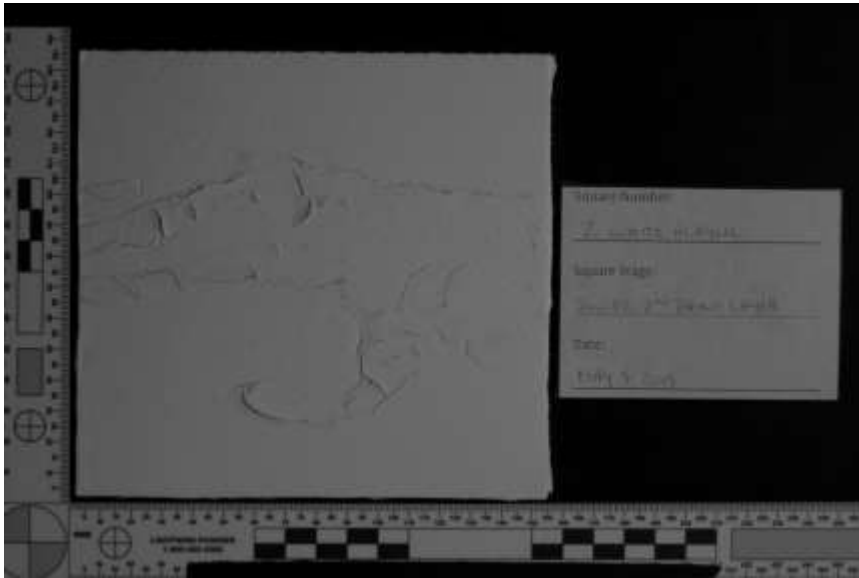
Longpass 87A HDR



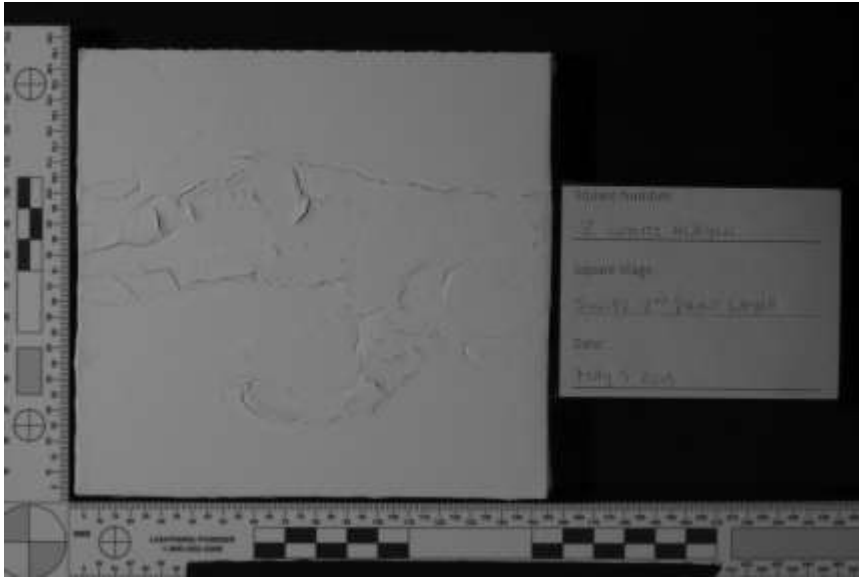
Longpass 87A Single



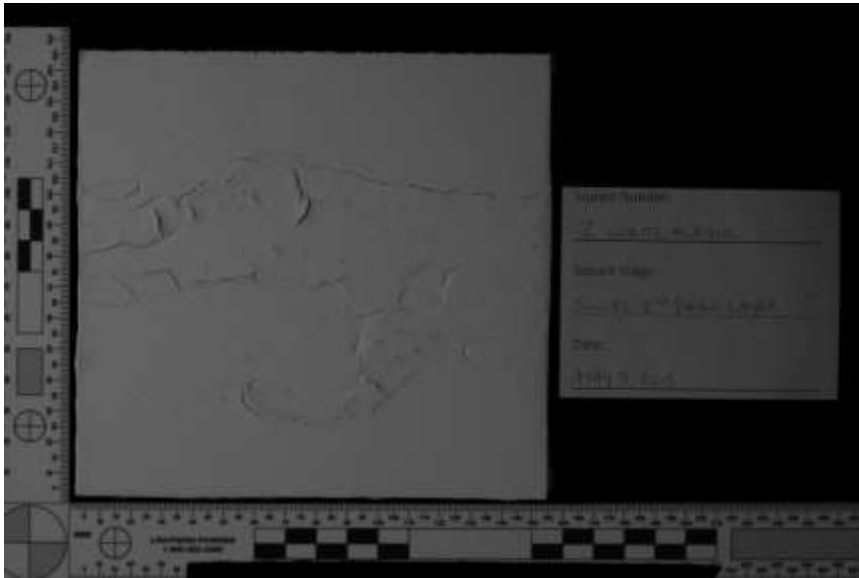
Longpass 87A HDR Left Oblique



Longpass 87A Single Left Oblique

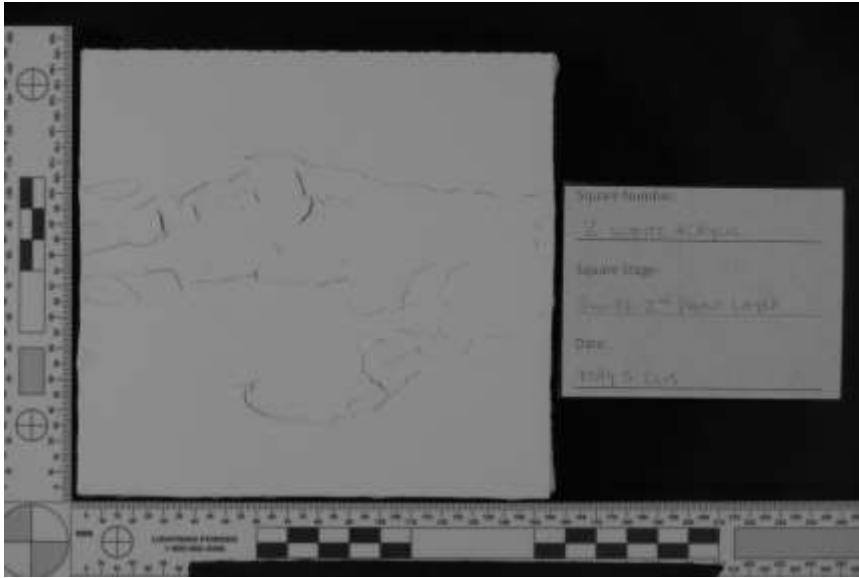


Longpass 87A HDR Right Oblique

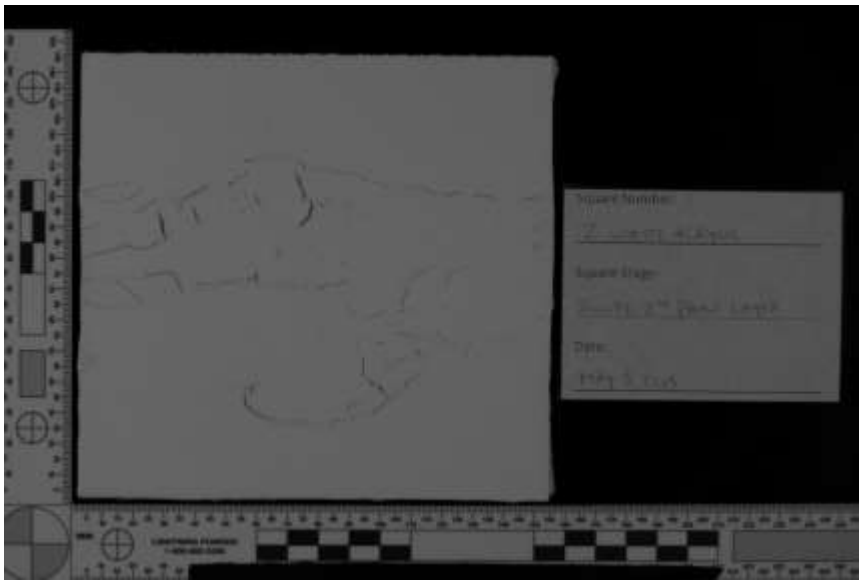


Longpass 87A Single Right Oblique

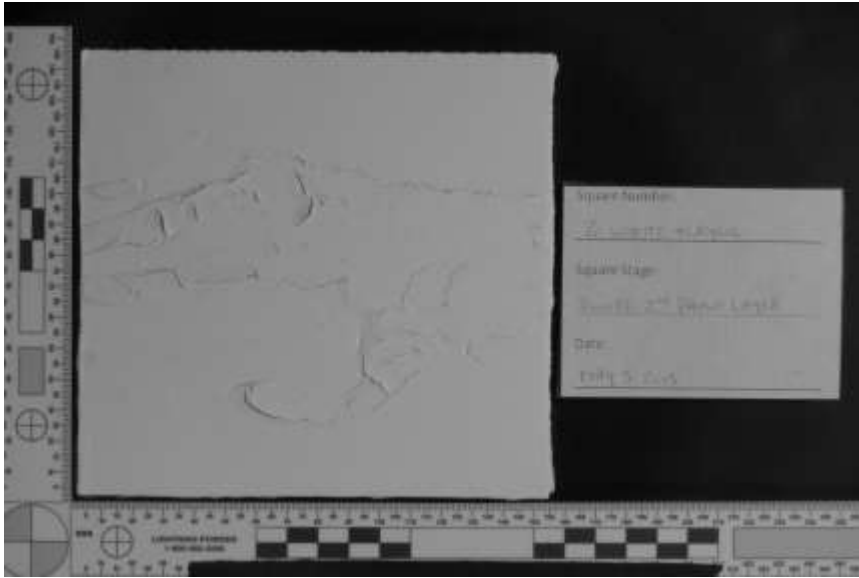




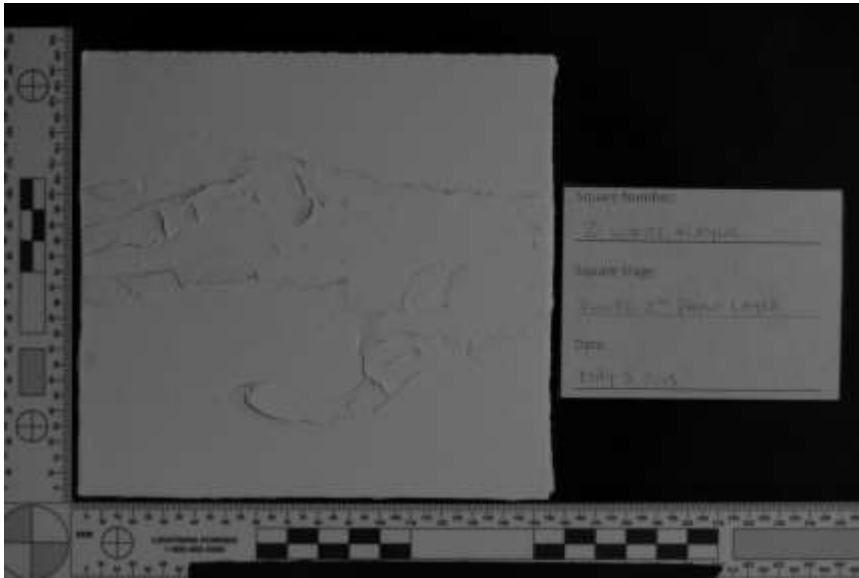
Longpass 87B HDR



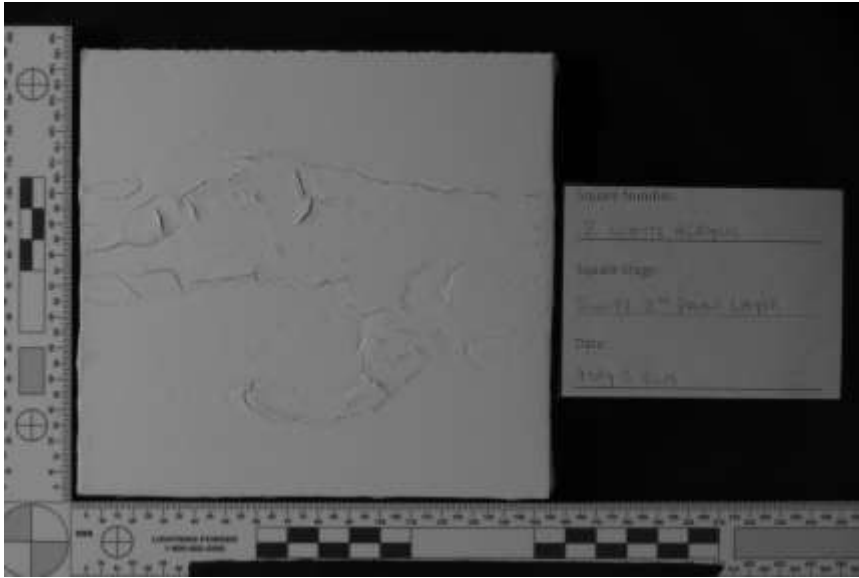
Longpass 87B Single



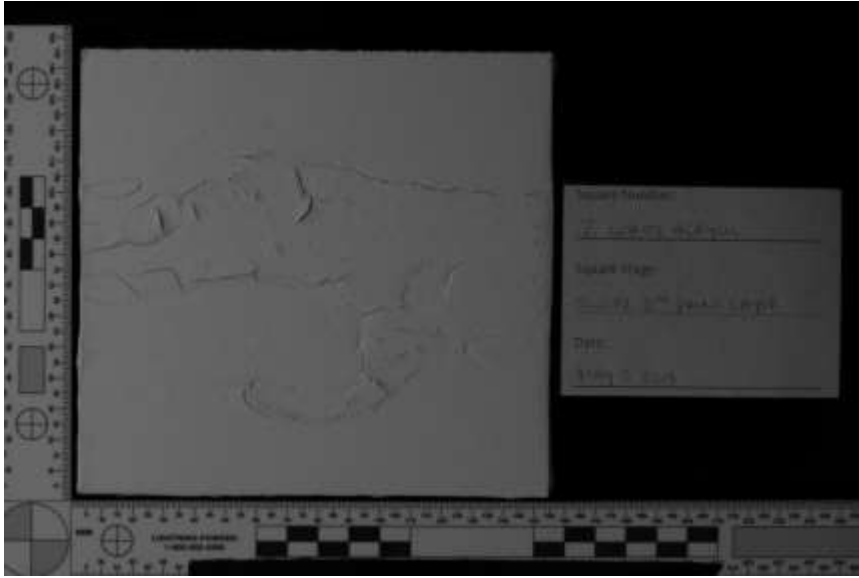
Longpass 87B HDR Left Oblique



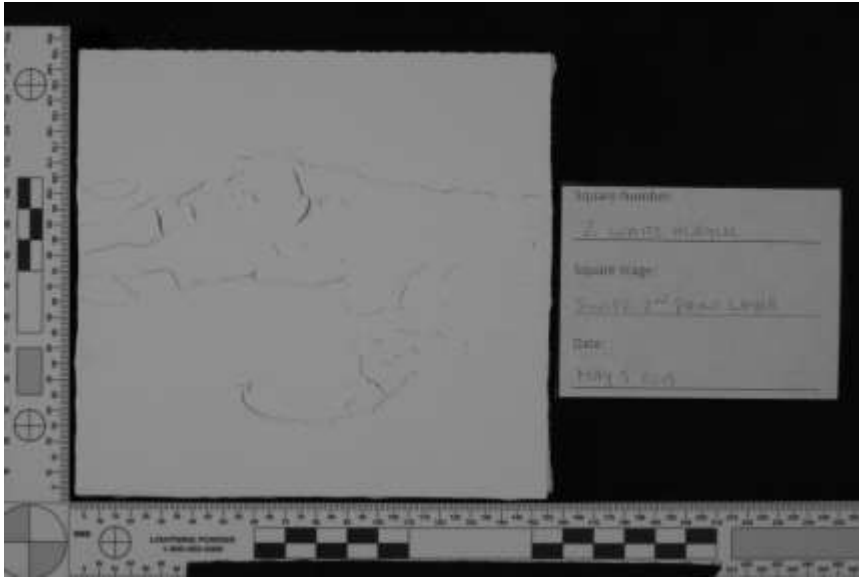
Longpass 87B Single Left Oblique



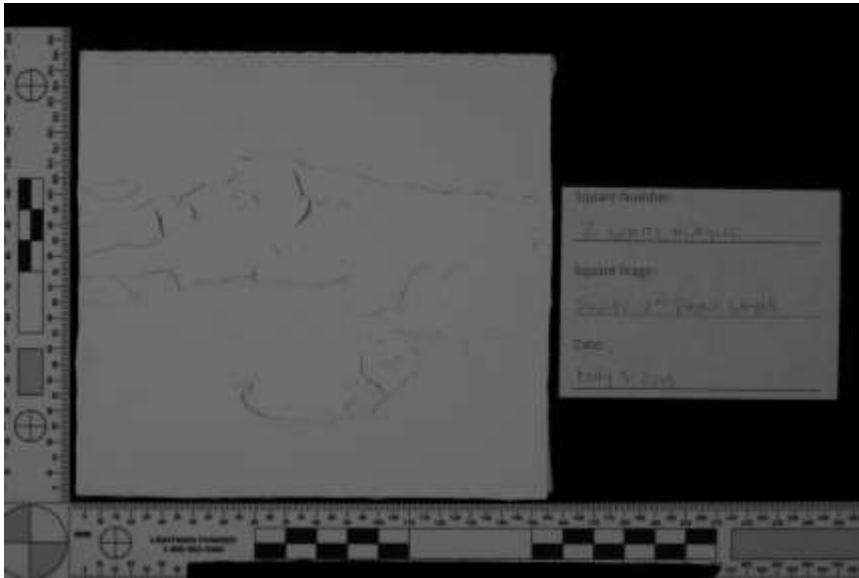
Longpass 87B HDR Right Oblique



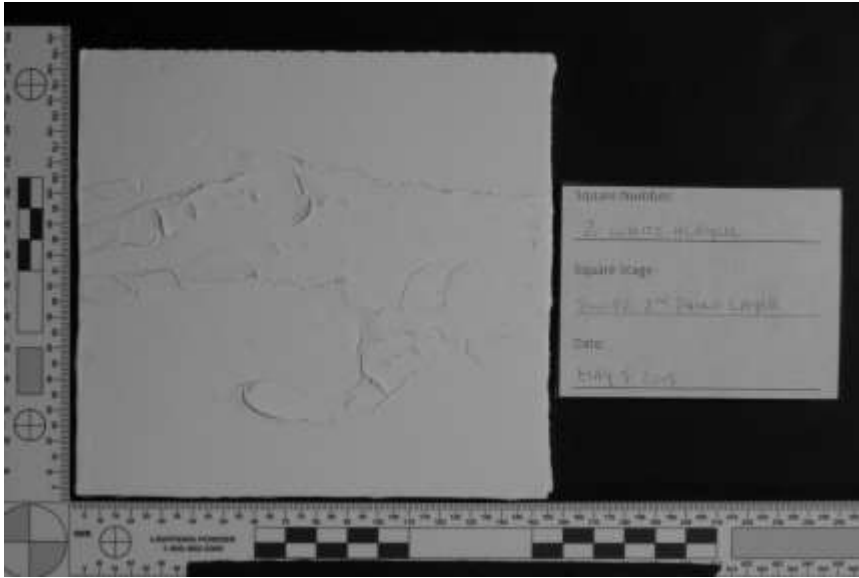
Longpass 87B Single Right Oblique



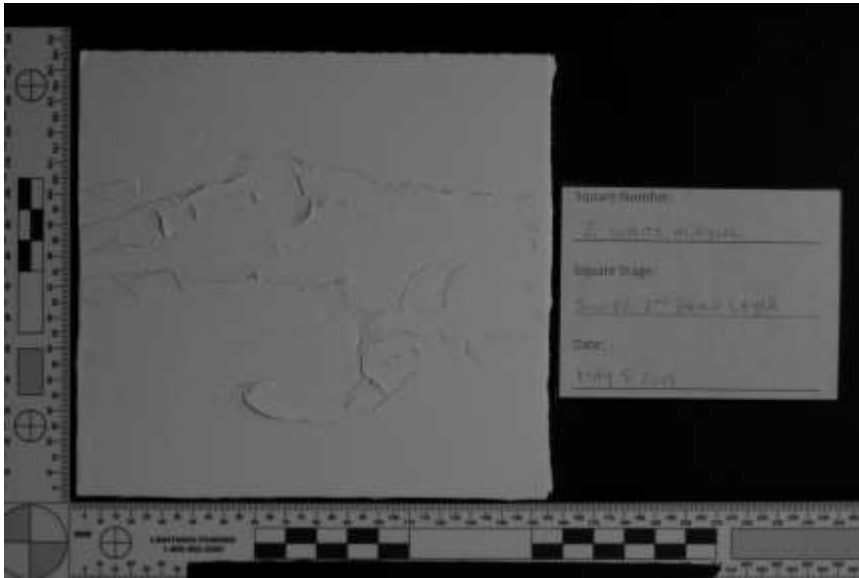
Longpass 88A HDR



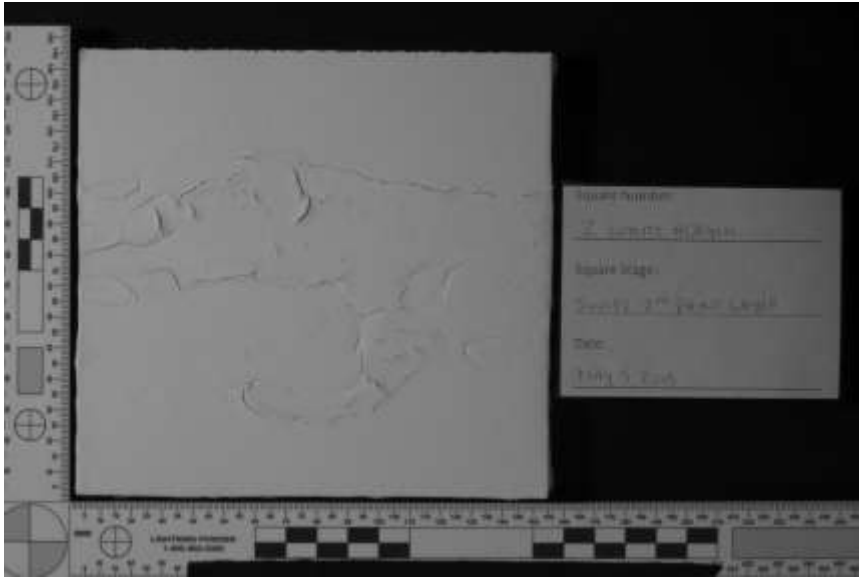
Longpass 88A Single



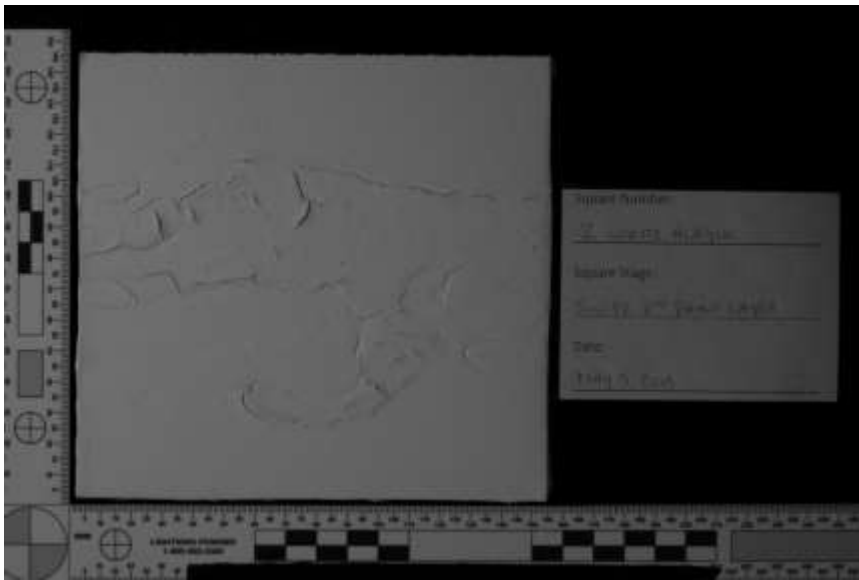
Longpass 88A HDR Left Oblique



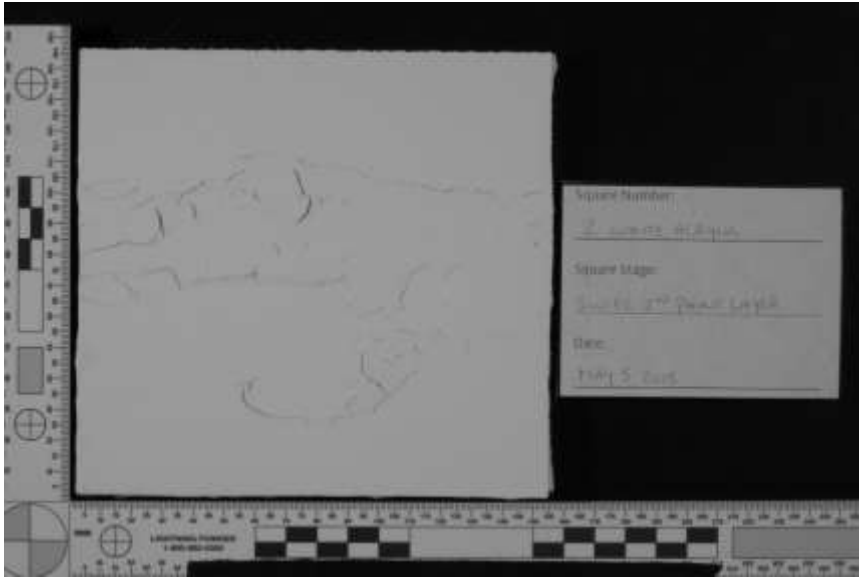
Longpass 88A Single Left Oblique



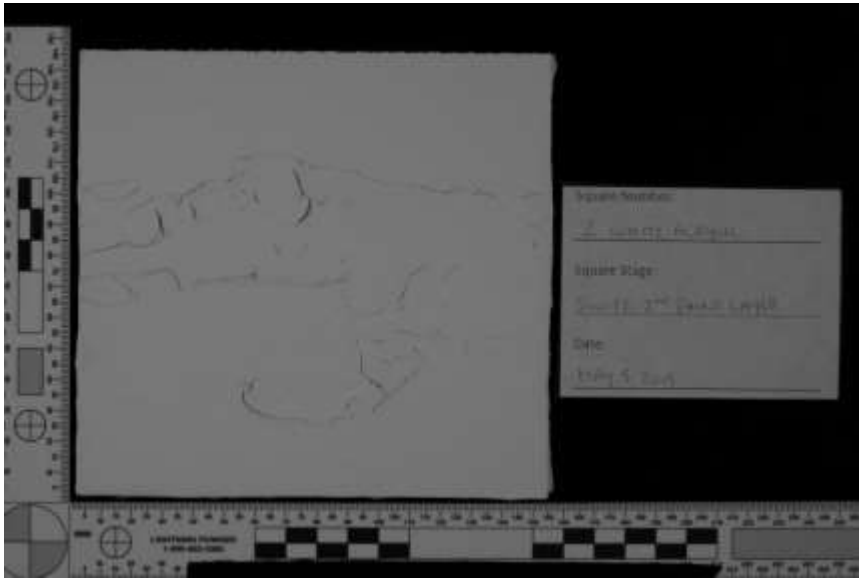
Longpass 88A HDR Right Oblique



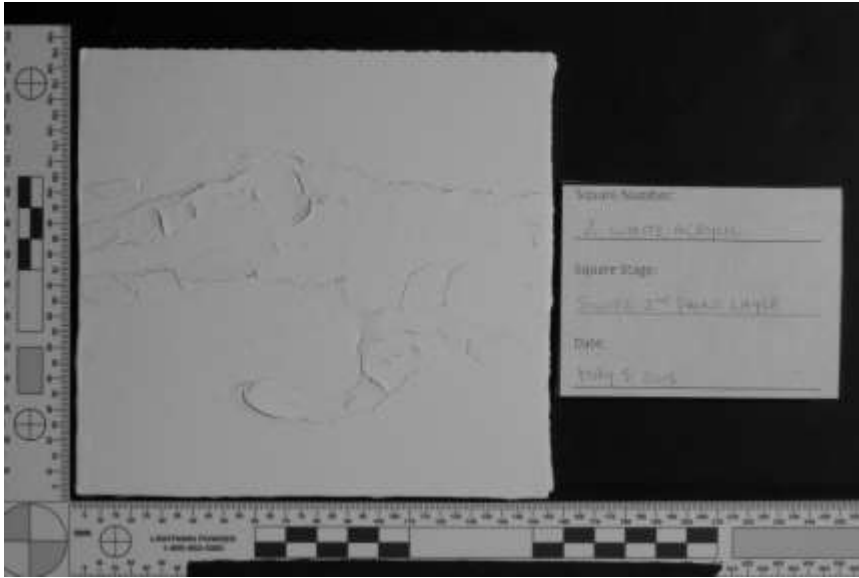
Longpass 88A Single Right Oblique



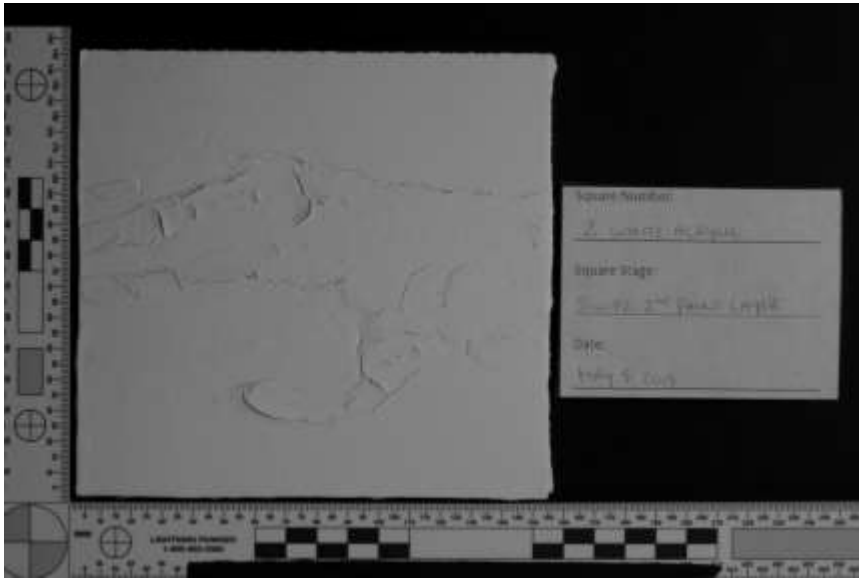
Longpass 89B HDR



Longpass 89B Single

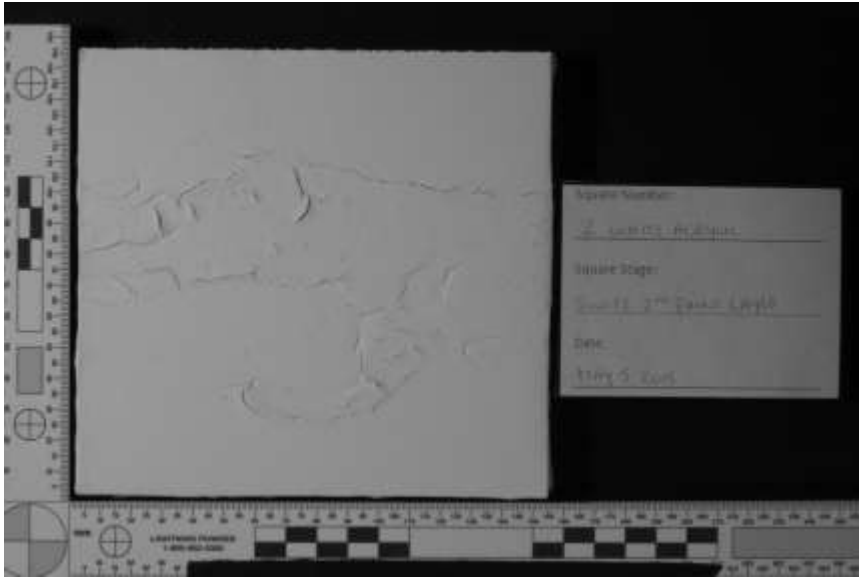


Longpass 89B HDR Left Oblique

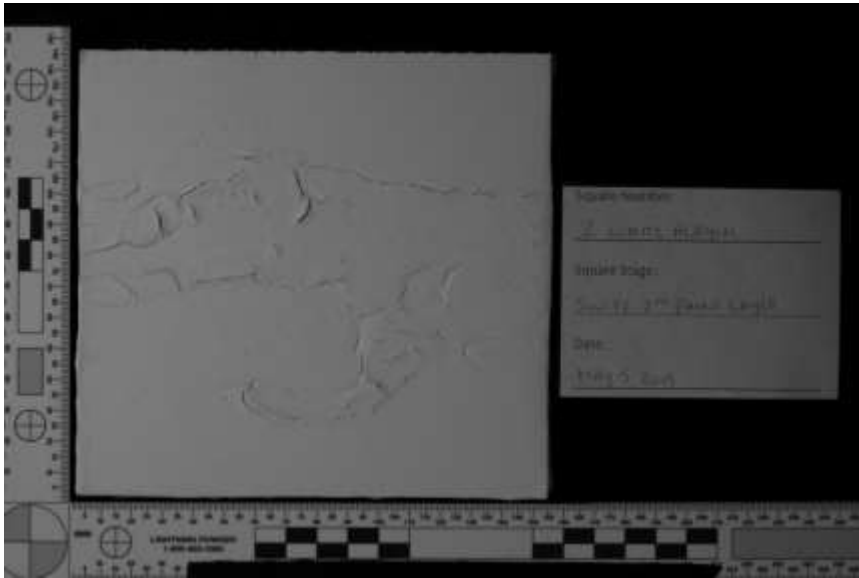


Longpass 89B Single Left Oblique



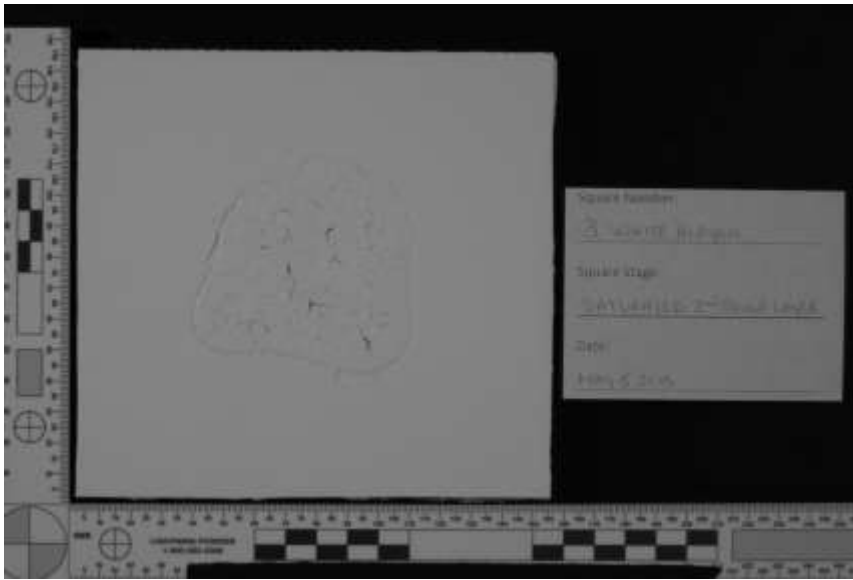


Longpass 89B HDR Right Oblique

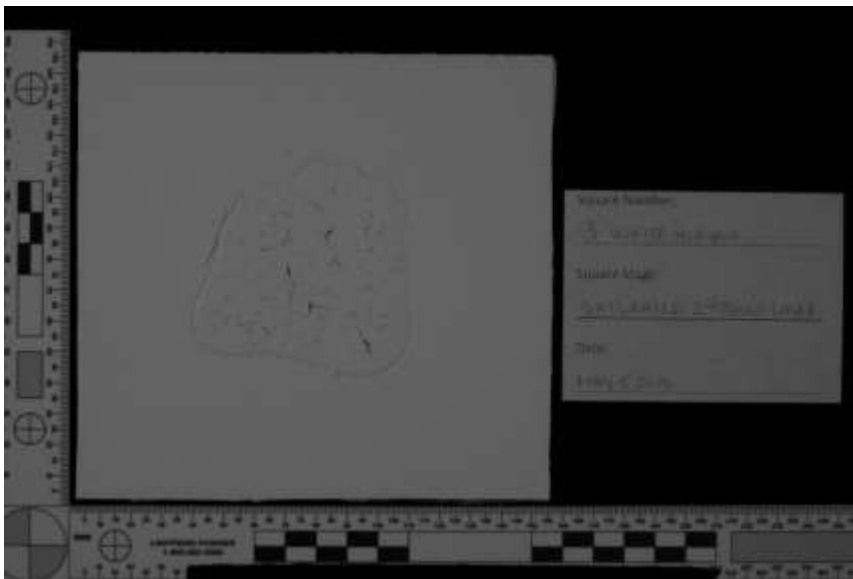


Longpass 89B Single Right Oblique

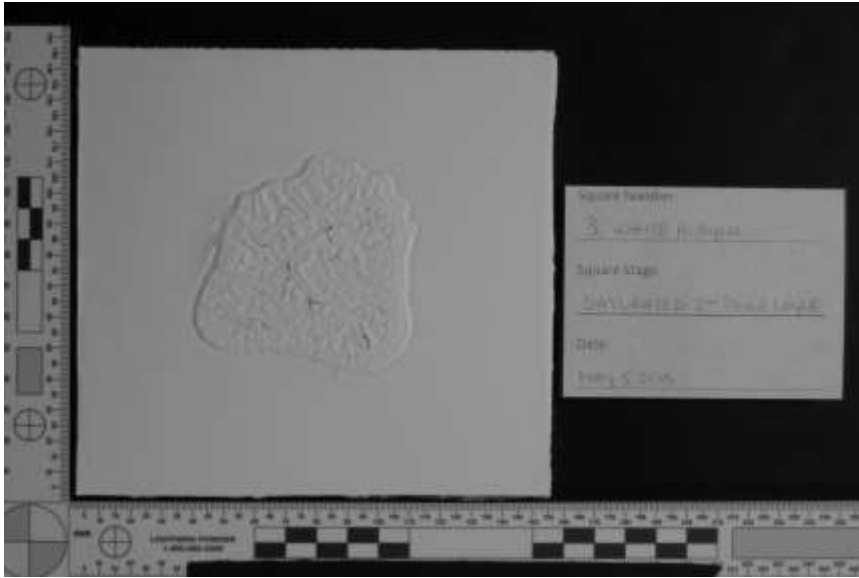
White Acrylic 3 – Saturated



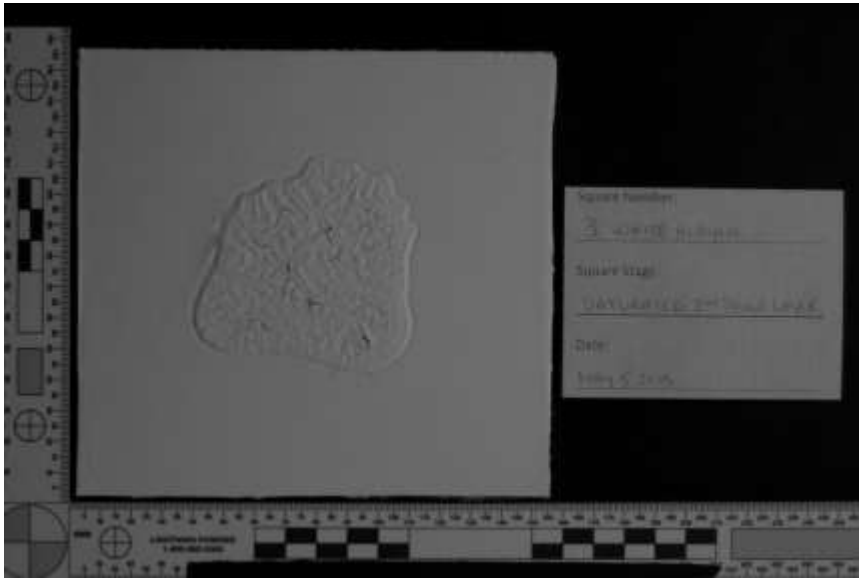
Longpass 87A HDR



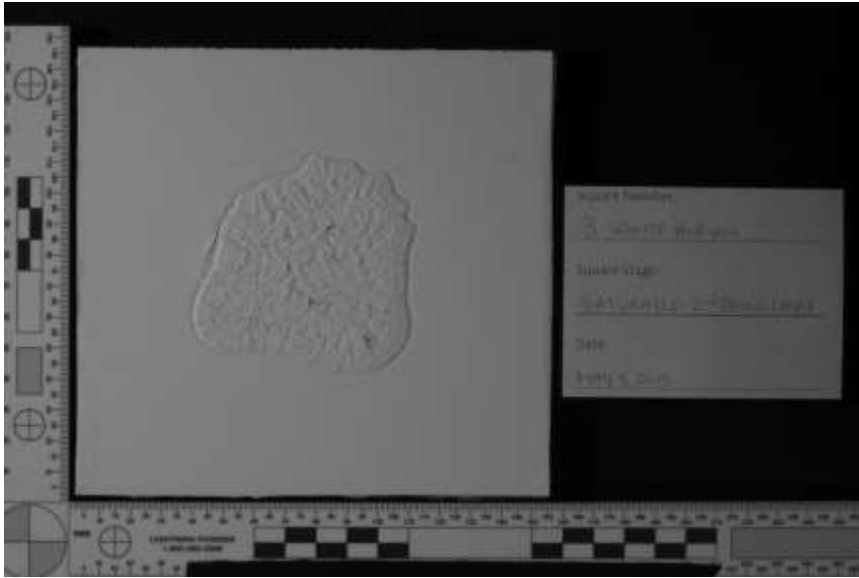
Longpass 87A Single



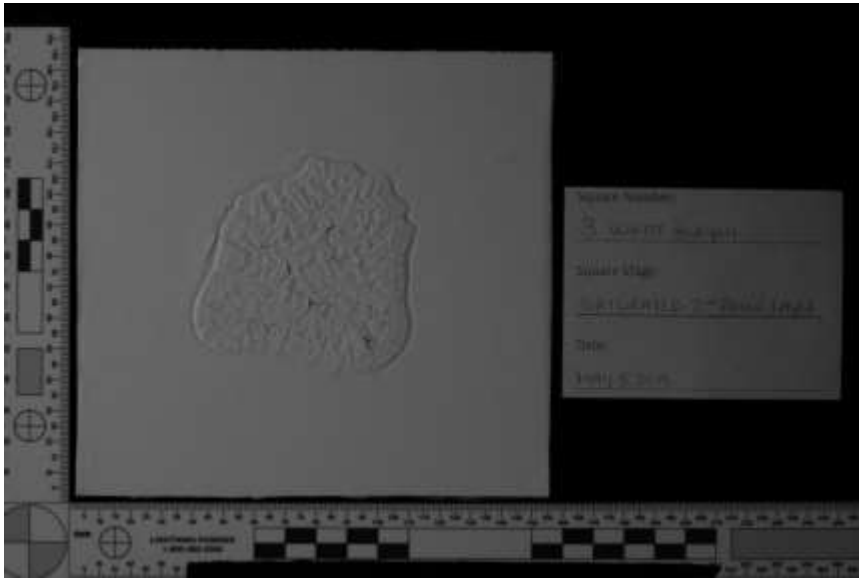
Longpass 87A HDR Left Oblique



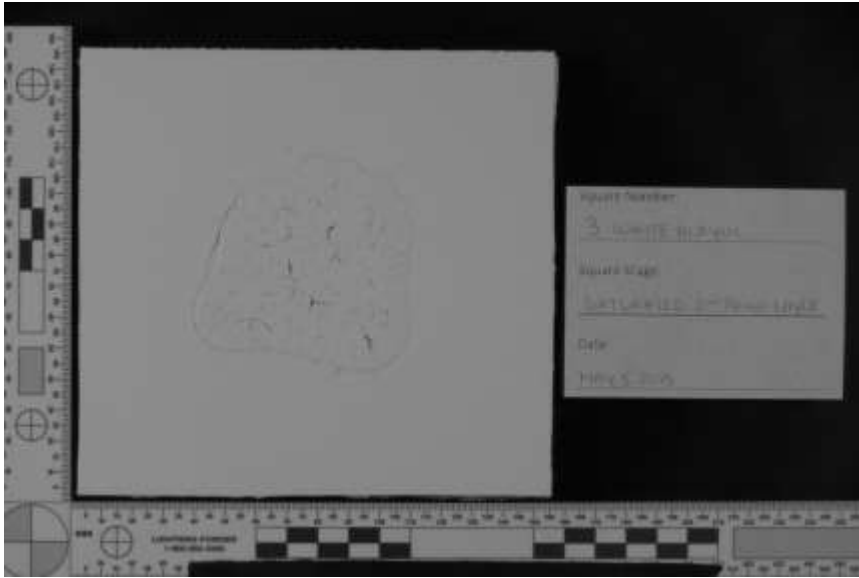
Longpass 87A Single Left Oblique



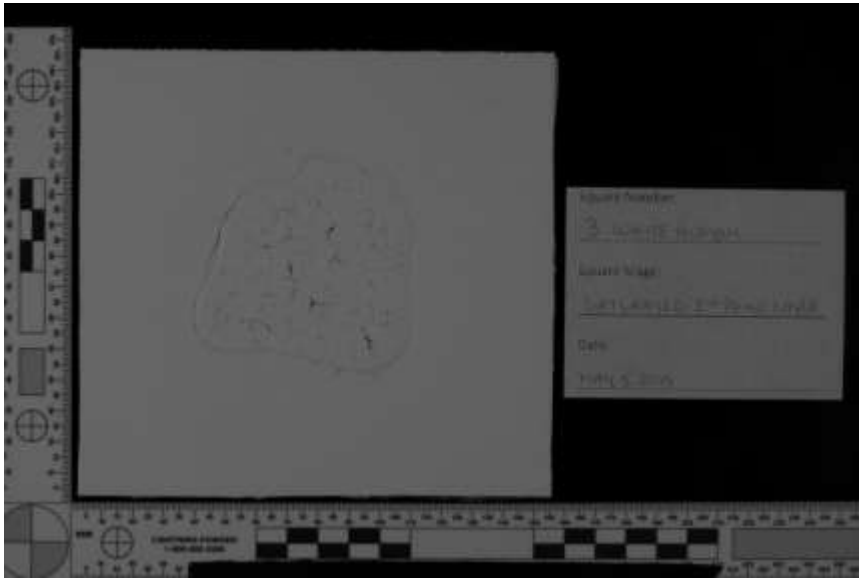
Longpass 87A HDR Right Oblique



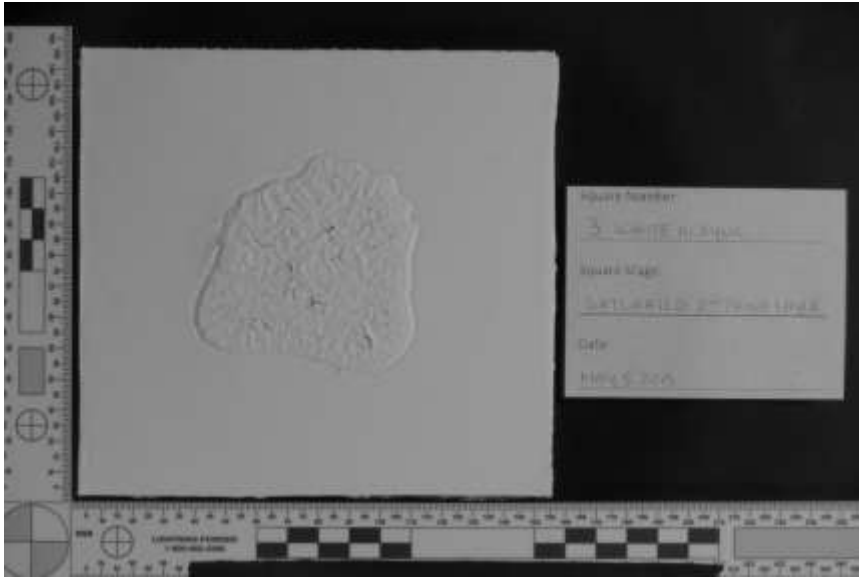
Longpass 87A Single Right Oblique



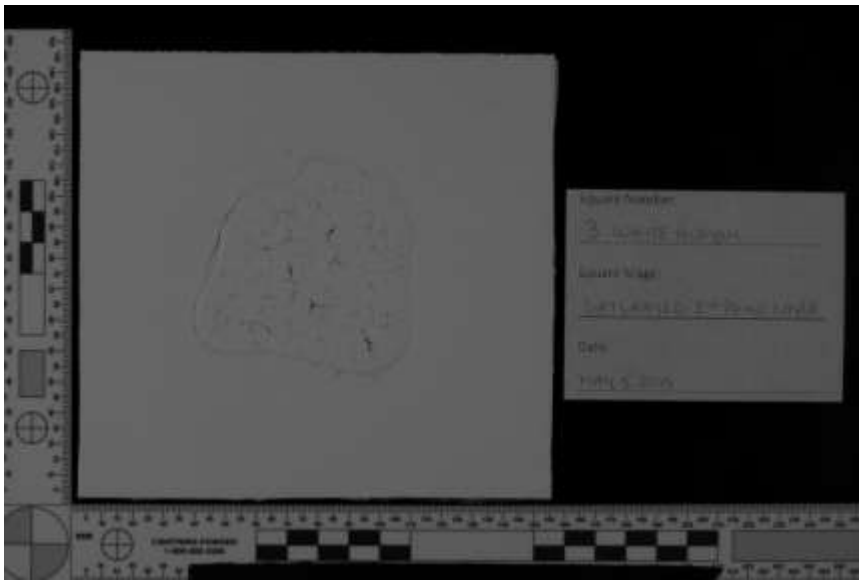
Longpass 87B HDR



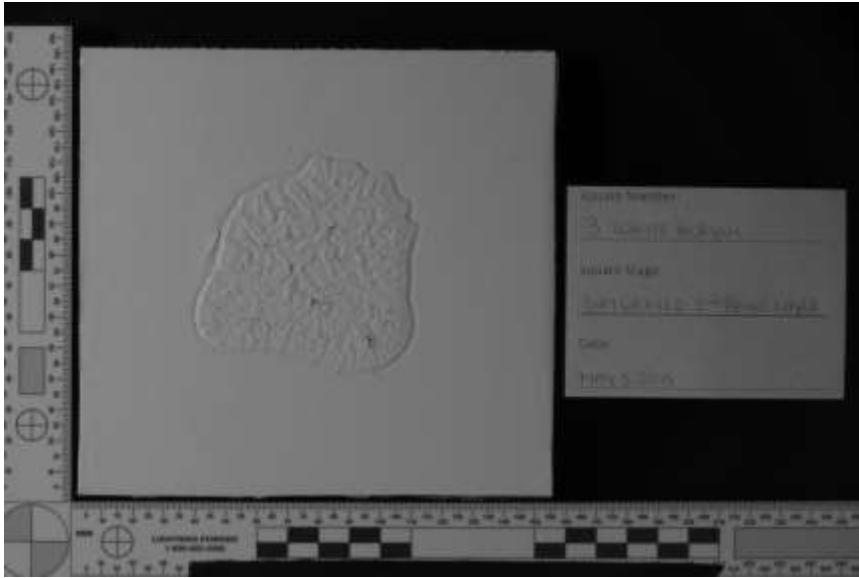
Longpass 87B Single



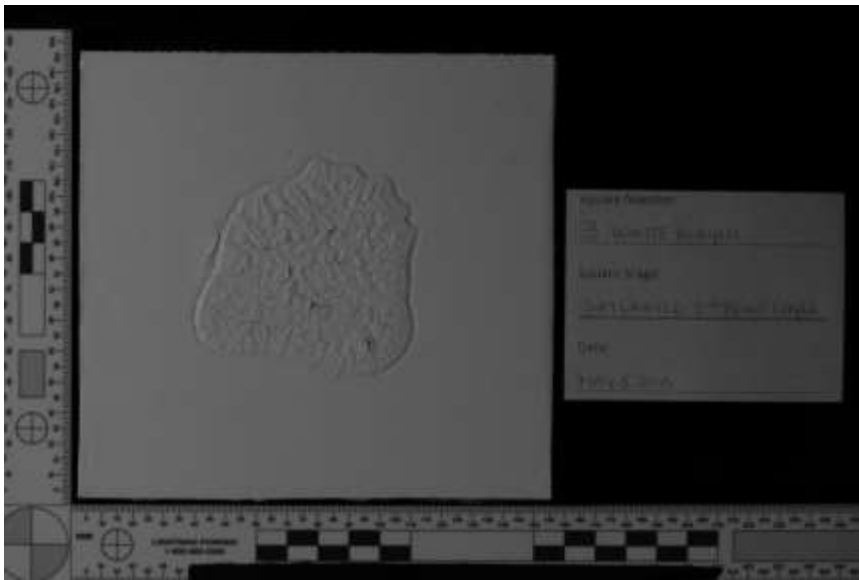
Longpass 87B HDR Left Oblique



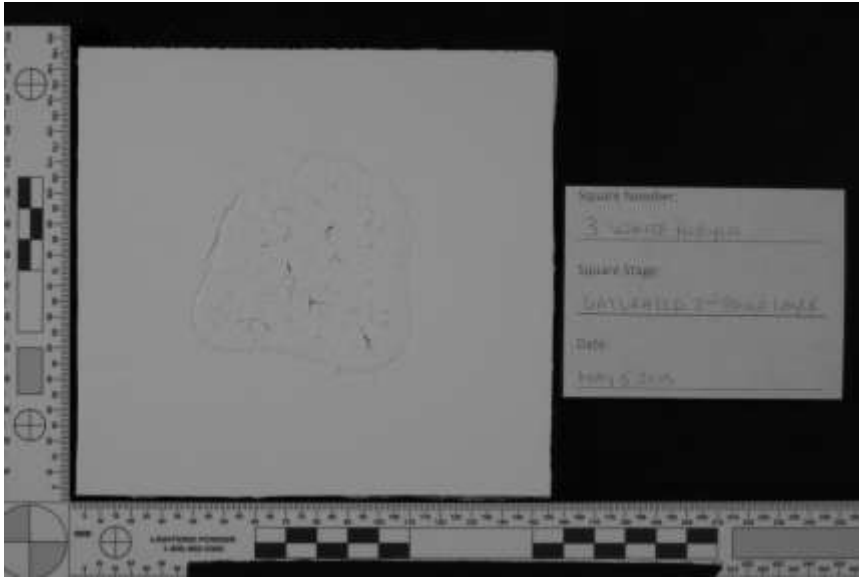
Longpass 87B Single Left Oblique



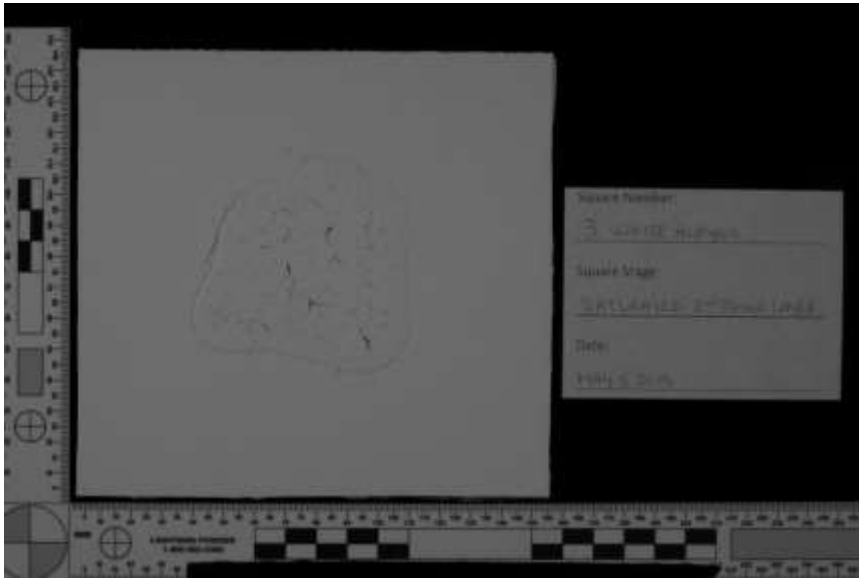
Longpass 87B HDR Right Oblique



Longpass 87B Single Right Oblique

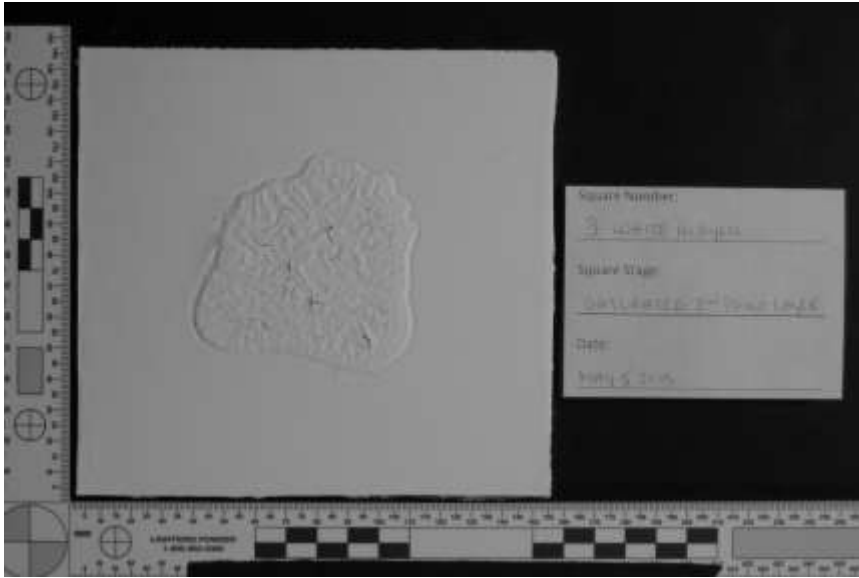


Longpass 88A HDR

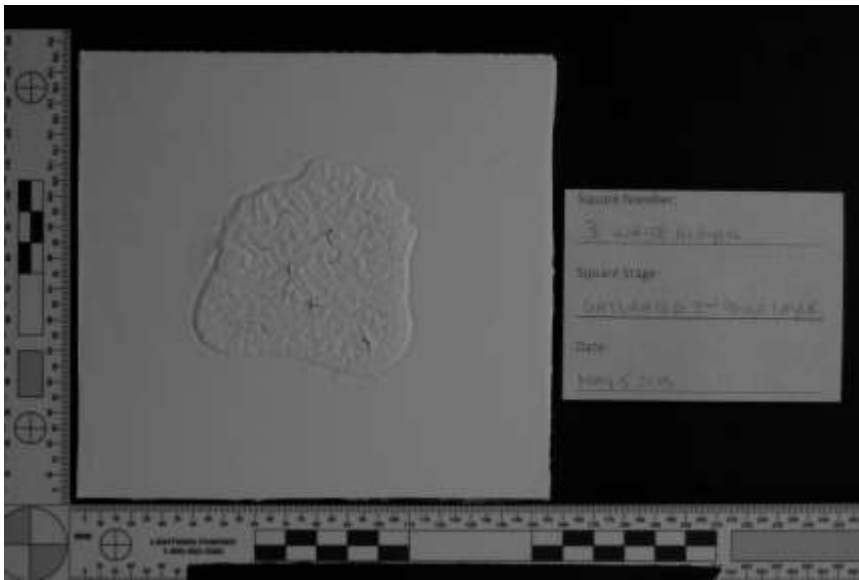


Longpass 88A Single

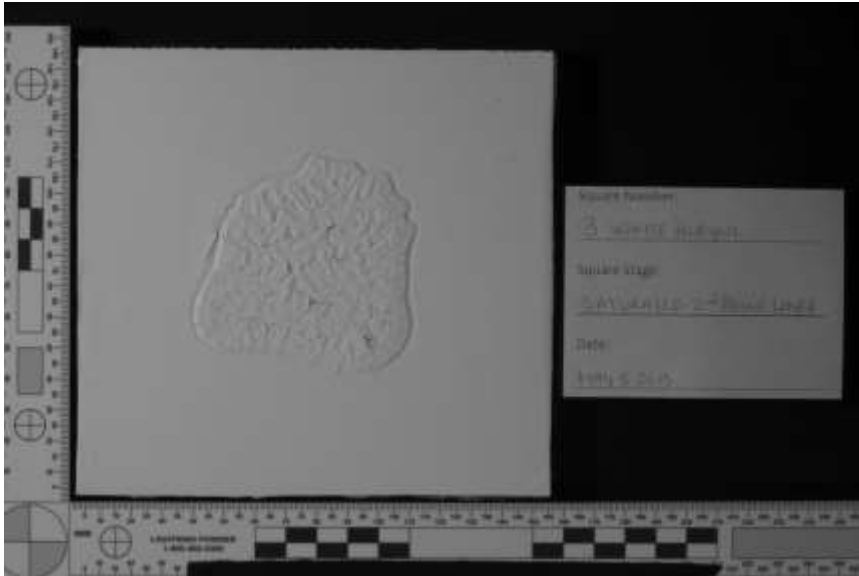




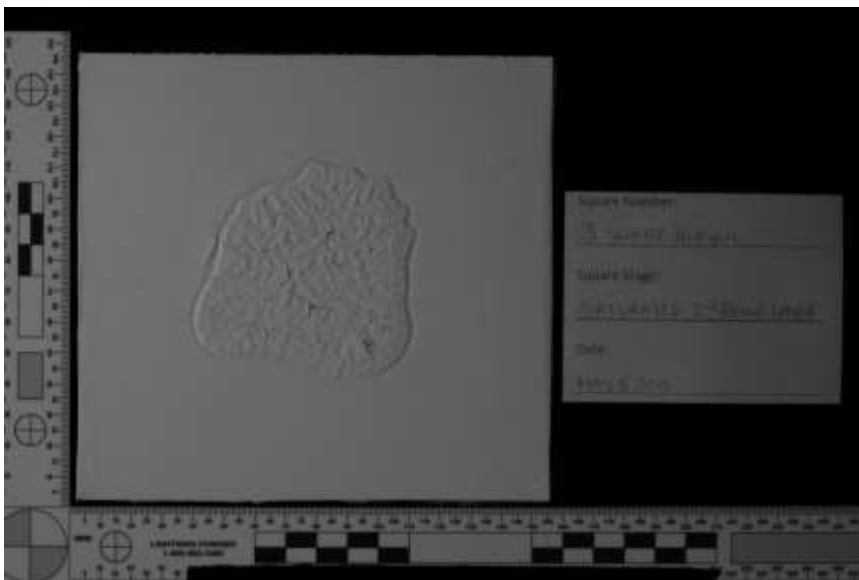
Longpass 88A HDR Left Oblique



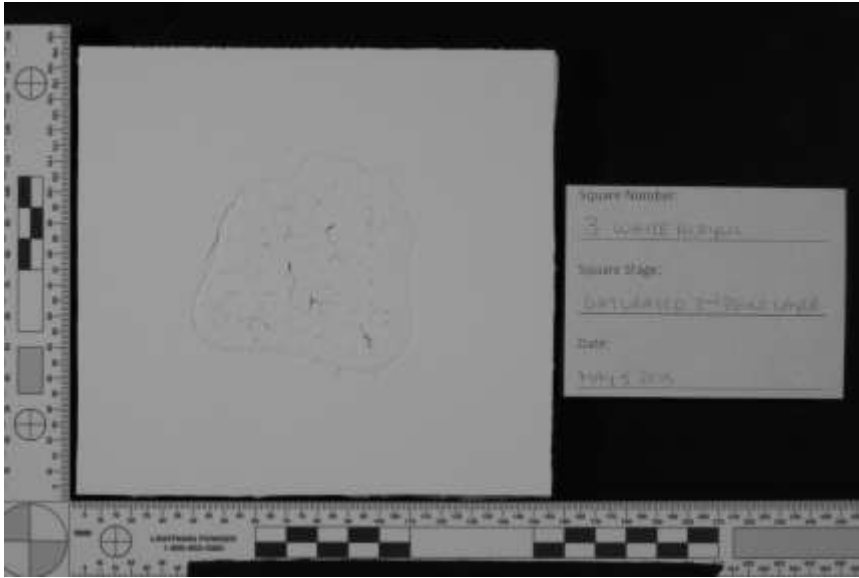
Longpass 88A Single Left Oblique



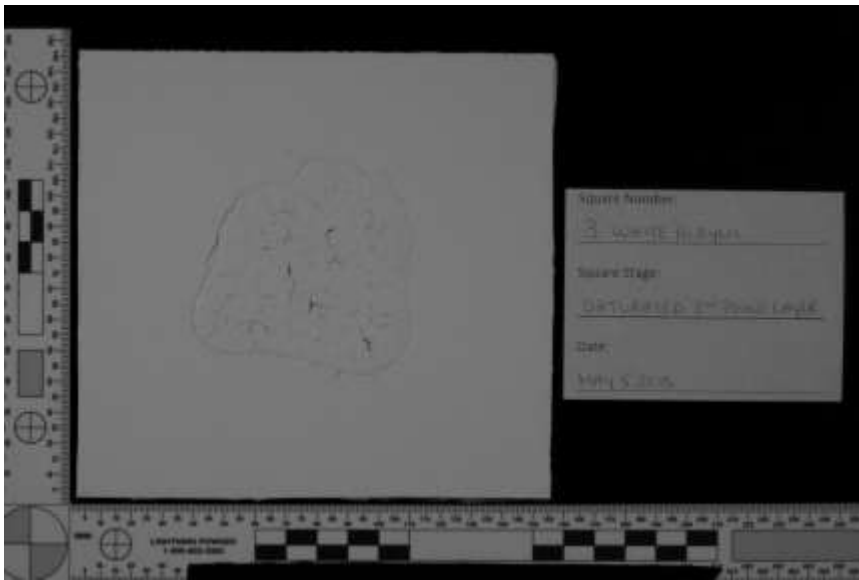
Longpass 88A HDR Right Oblique



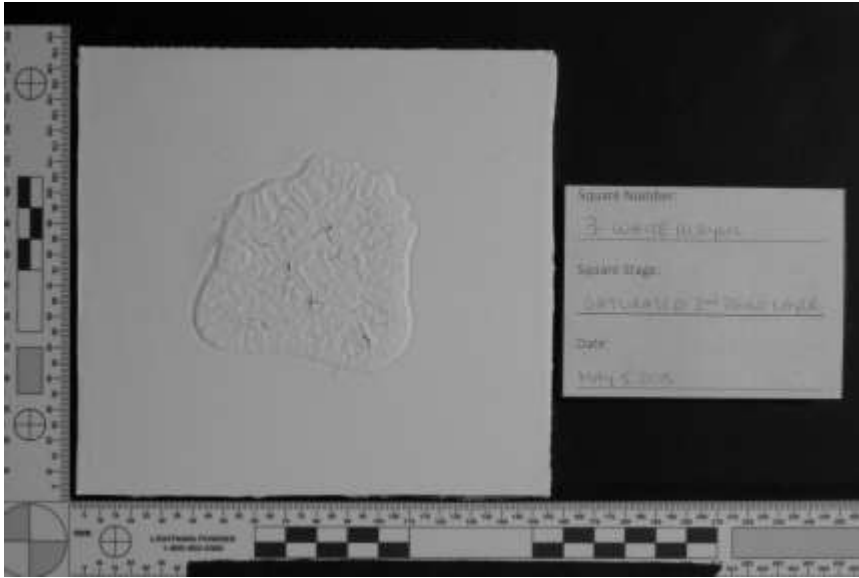
Longpass 88A Single Right Oblique



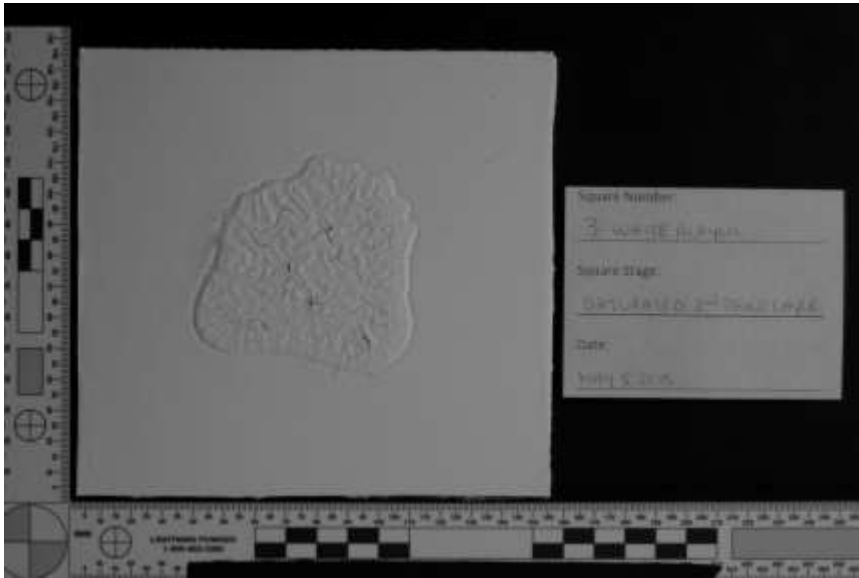
Longpass 89B HDR



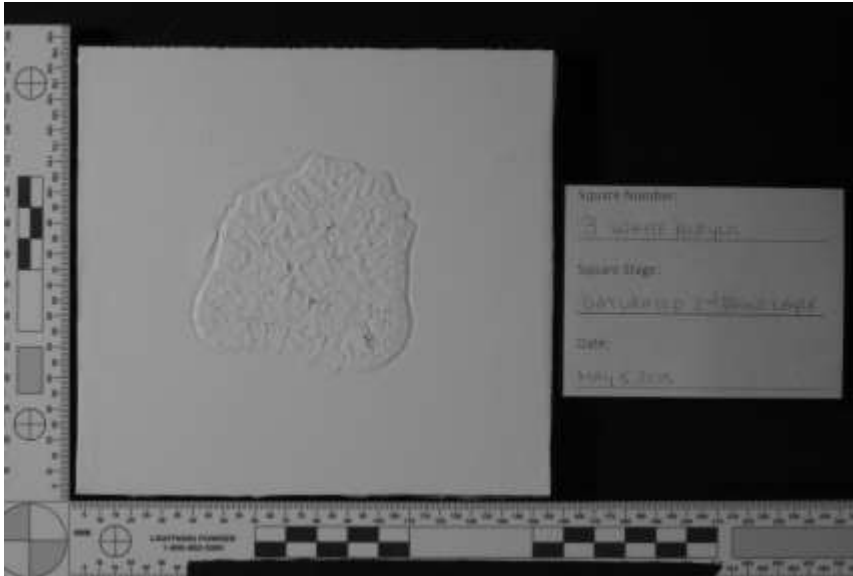
Longpass 89B Single



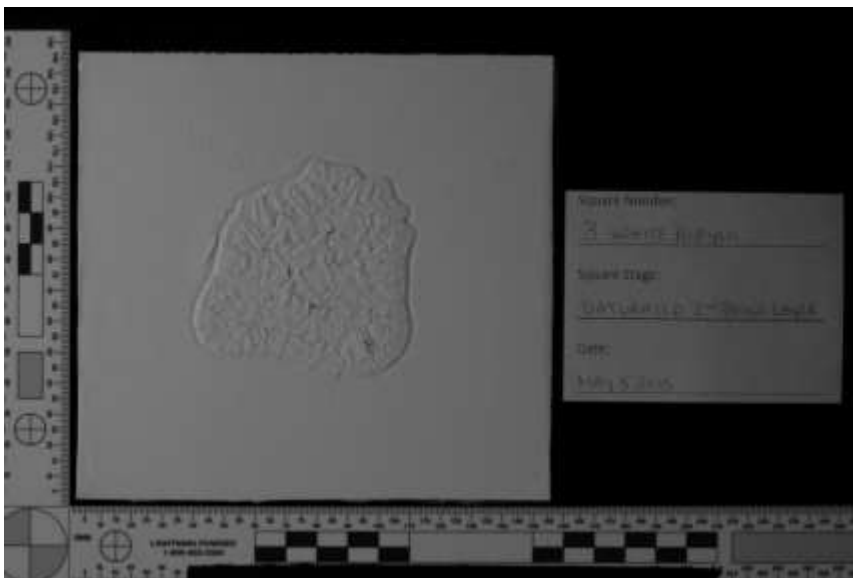
Longpass 89B HDR Left Oblique



Longpass 89B Single Left Oblique



Longpass 89B HDR Right Oblique

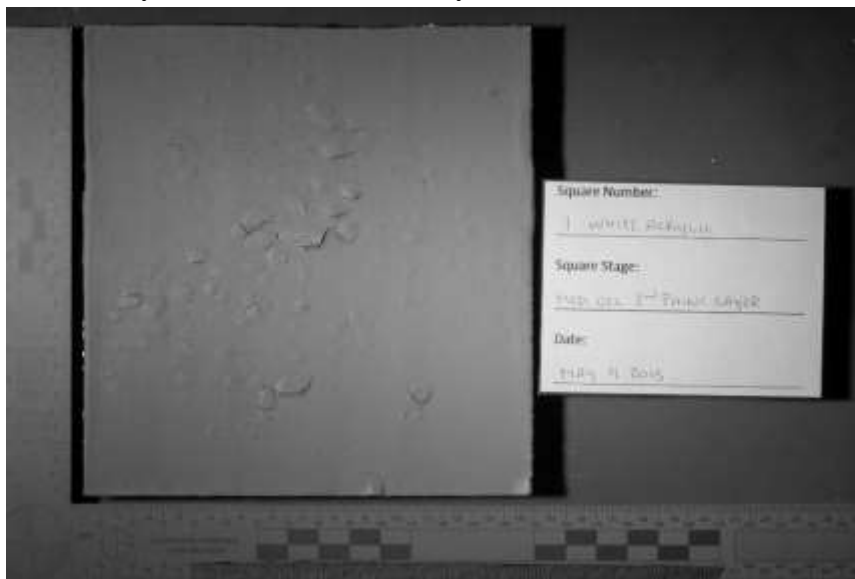


Longpass 89B Single Right Oblique

#### Appendix 4.3.4. Ultraviolet Photography

##### Appendix 4.3.4.1. White Acrylic Second layer of paint stage

##### White Acrylic 1 – Medium Velocity



HDR



Single

White Acrylic 2 – Swipe

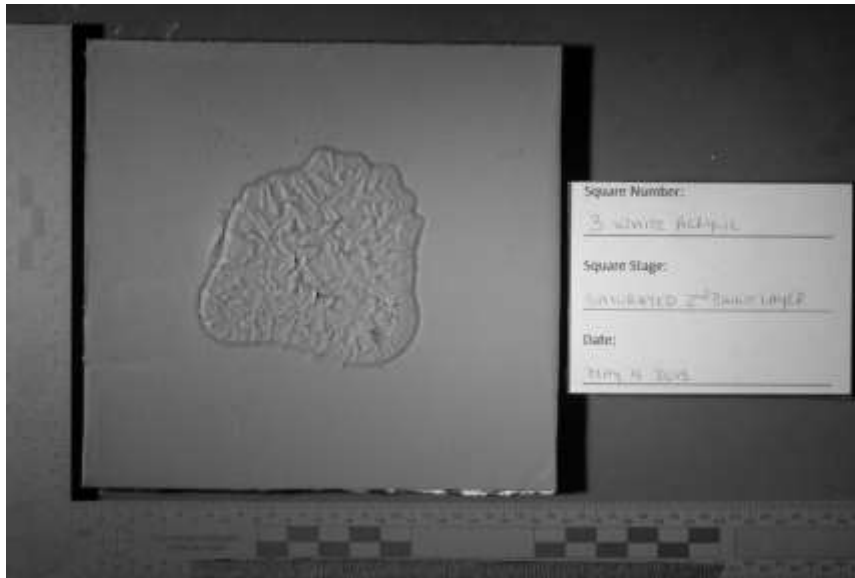


HDR



Single

White Acrylic 3 – Saturated



HDR



Single



Appendix 4.3.4.2. White Latex Second layer of paint stage  
White Latex 5 – Medium Velocity



HDR

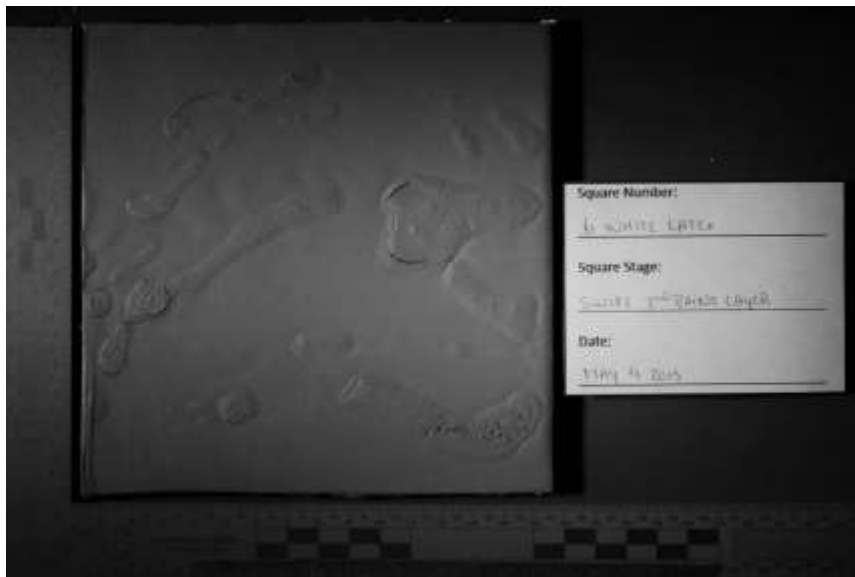


Single

White Latex 6 – Swipe

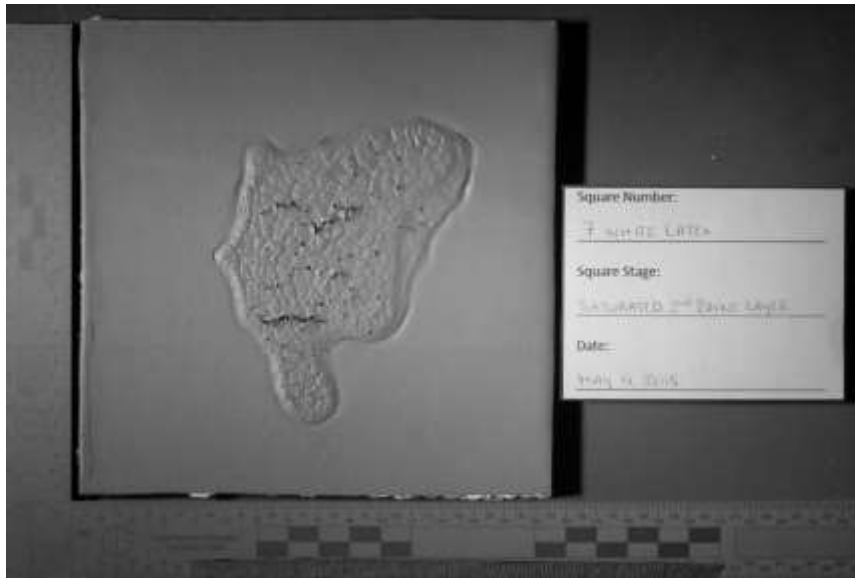


HDR

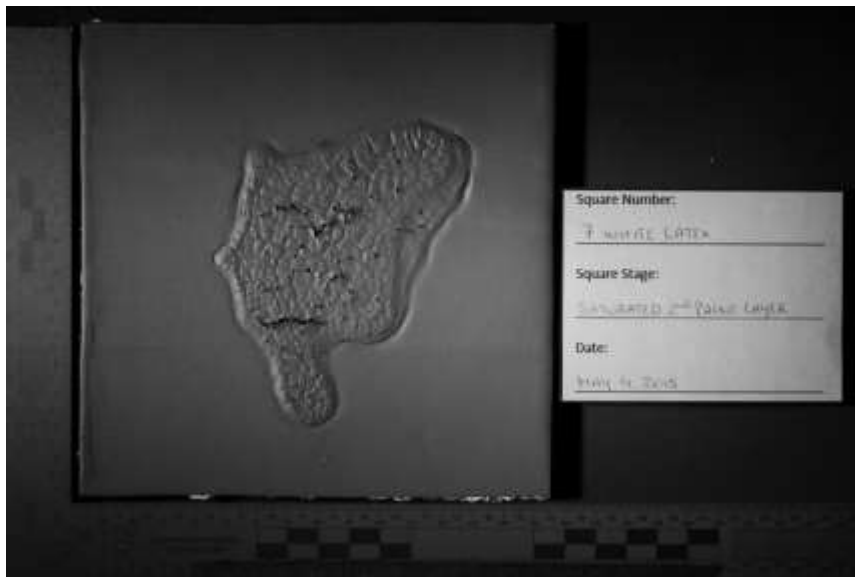


Single

White Latex 7 – Saturated



HDR



Single

Appendix 4.3.4.3. Black Latex Second layer of paint stage  
Black Latex 9 – Medium Velocity

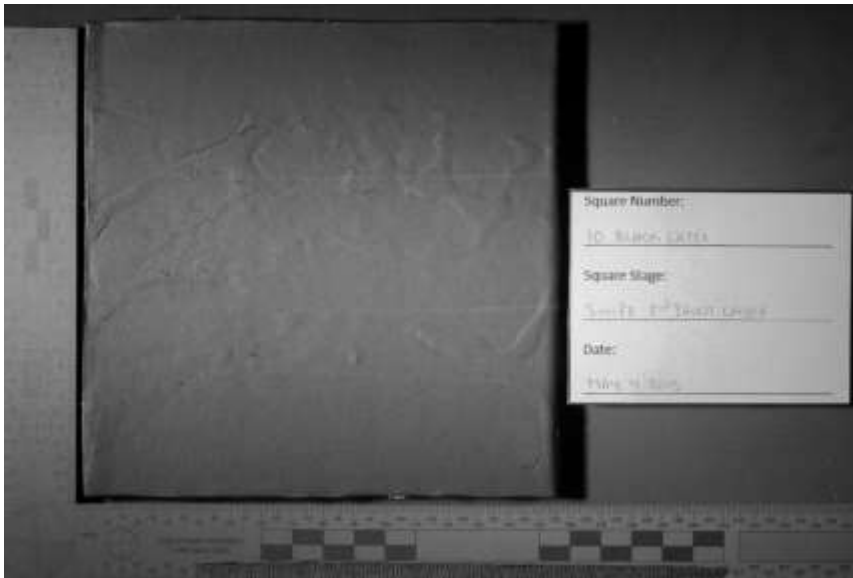


HDR



Single

Black Latex 10 – Swipe

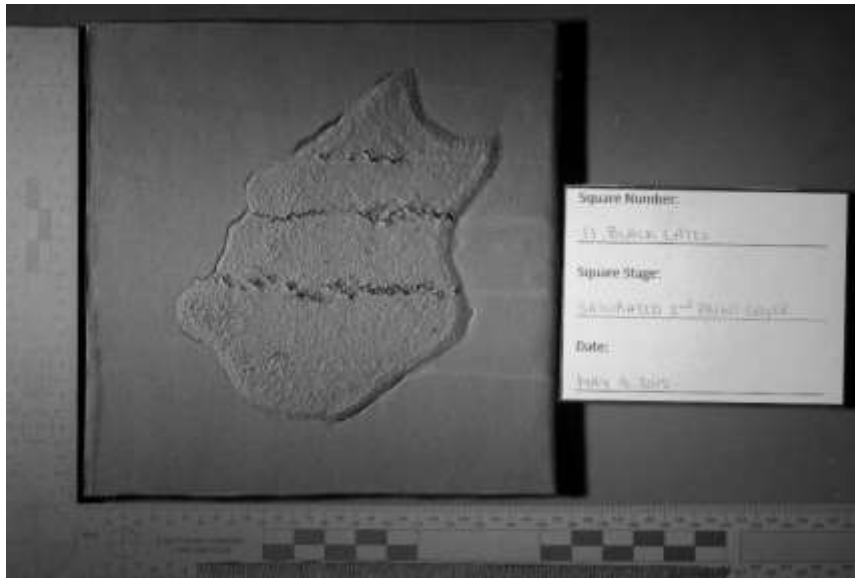


HDR



Single

Black Latex 11 – Saturated



HDR

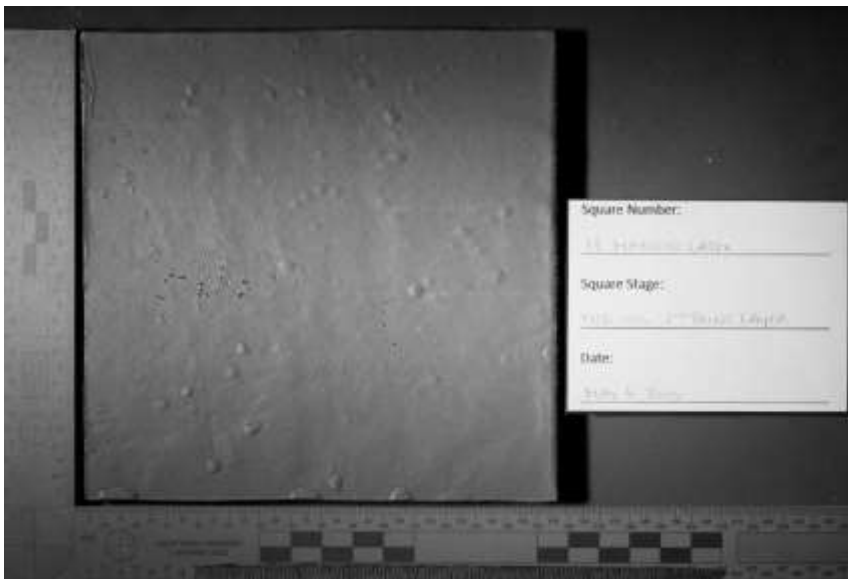


Single

Appendix 4.3.4.4. Maroon Latex Second layer of paint stage  
Maroon Latex 13 – Medium Velocity

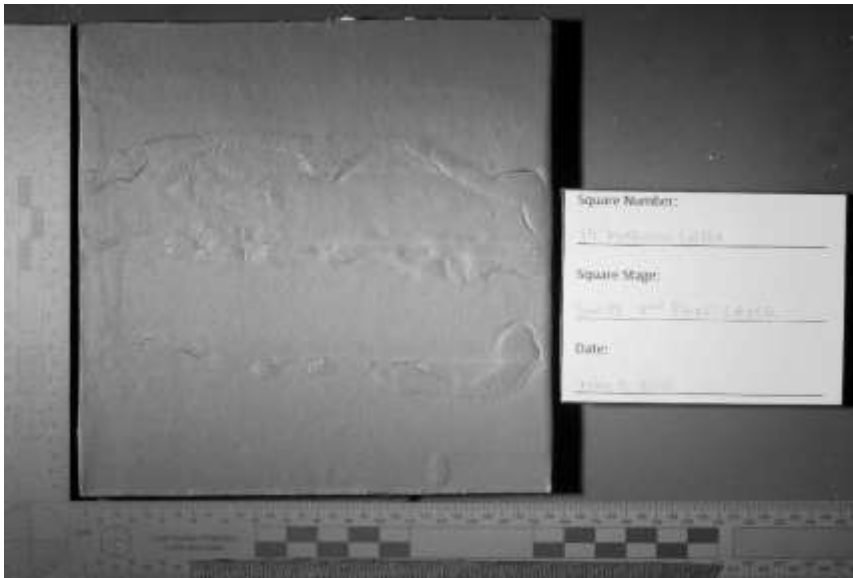


HDR

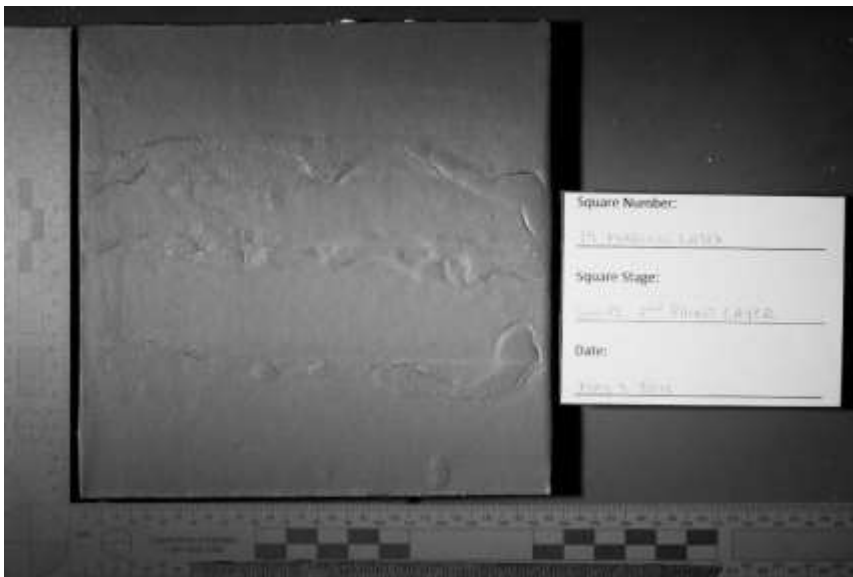


Single

Maroon Latex 14 – Swipe



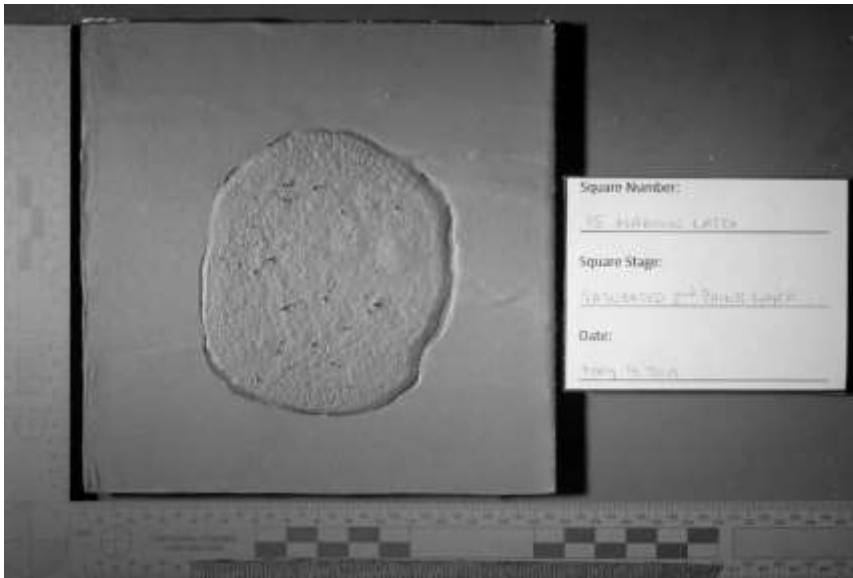
HDR



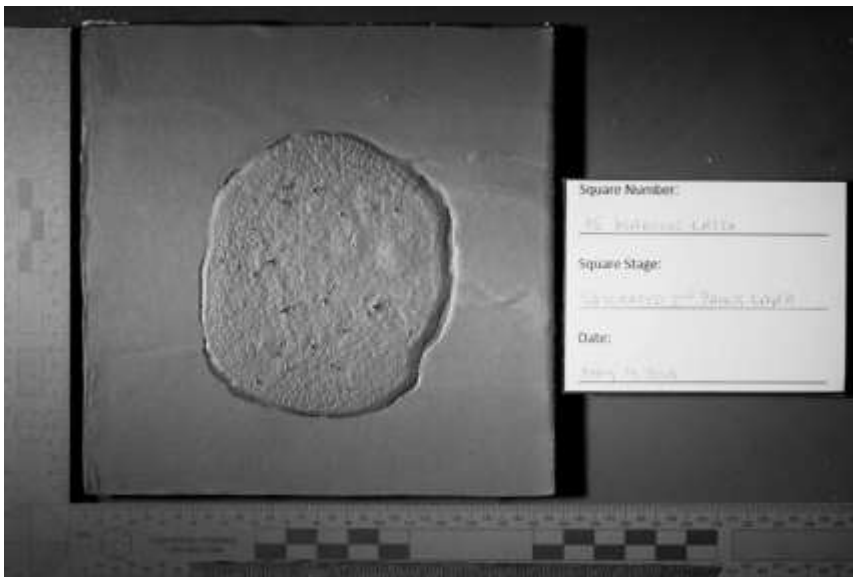
Single



Maroon Latex 15 – Saturated



HDR

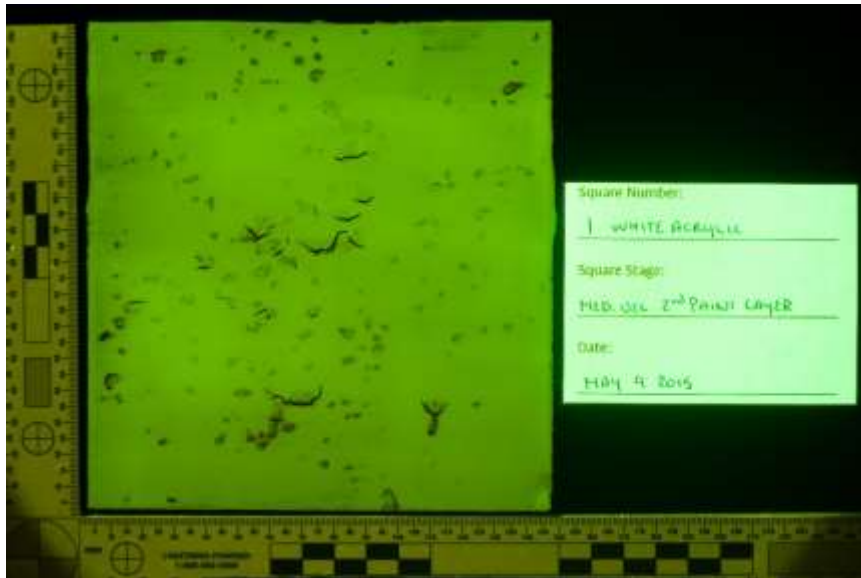


Single

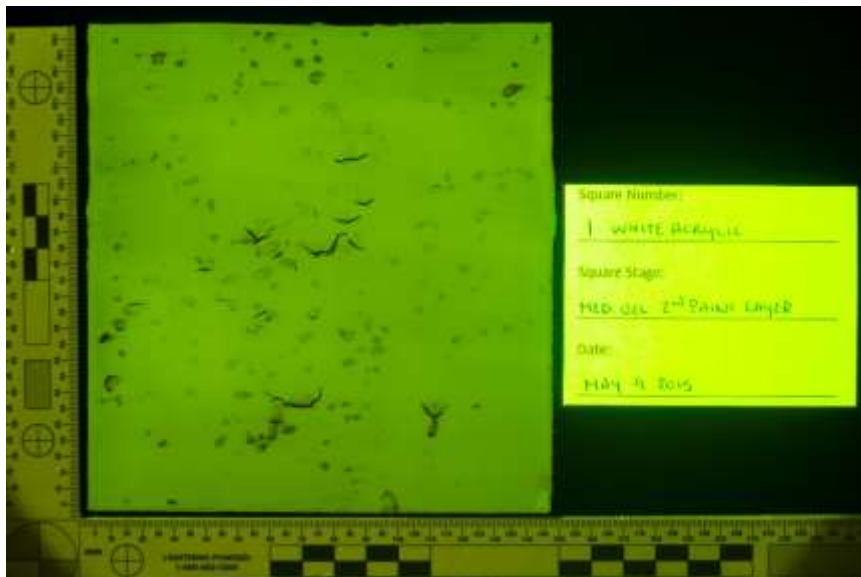
### Appendix 4.3.5. Fluorescence Photography

Appendix 4.3.5.1. White Acrylic – Yellow 415nm, 445nm, 455nm; Orange 415nm, 445nm, 455nm, 475nm, 495nm; Red 415nm, 445nm, 455nm, 475nm, 575nm Second layer of paint stage

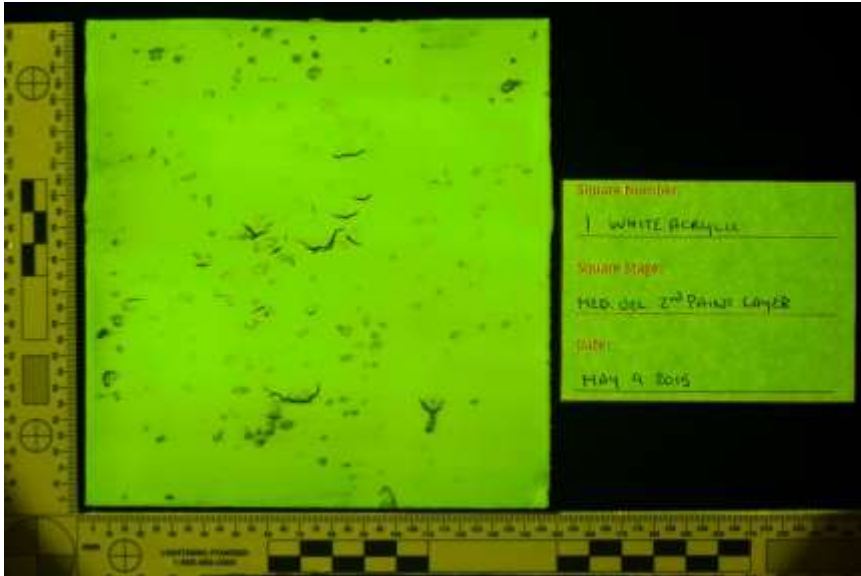
White Acrylic 1 – Medium Velocity



Yellow 415nm HDR



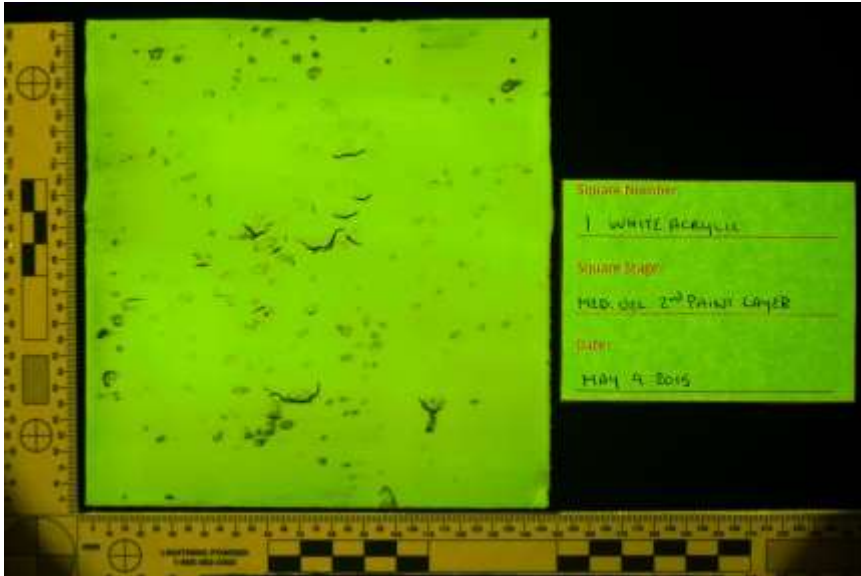
Yellow 415nm Single



Yellow 445nm HDR



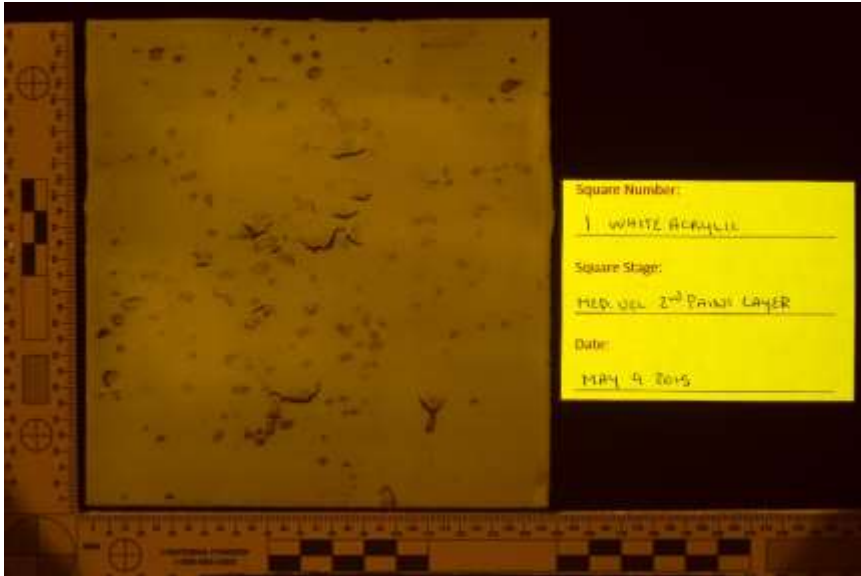
Yellow 445nm Single



Yellow 455nm HDR



Yellow 455nm Single



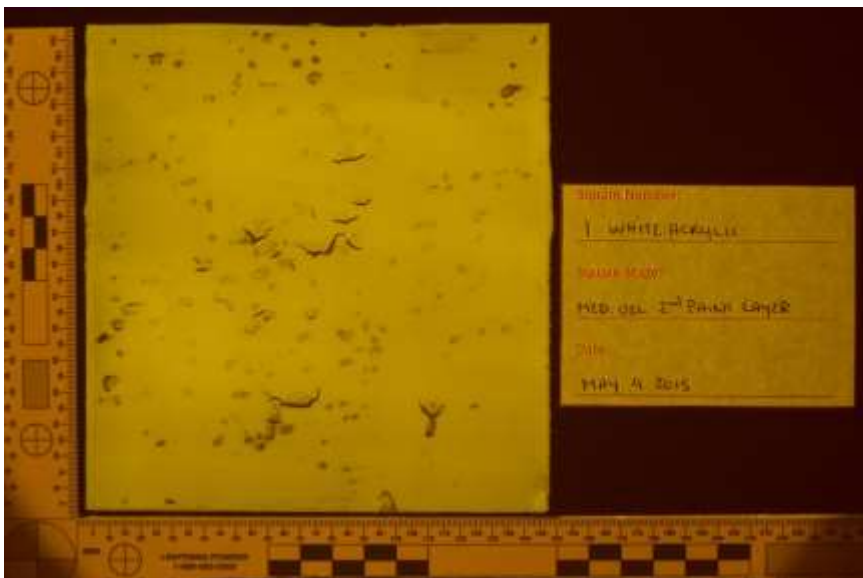
Orange 415nm HDR



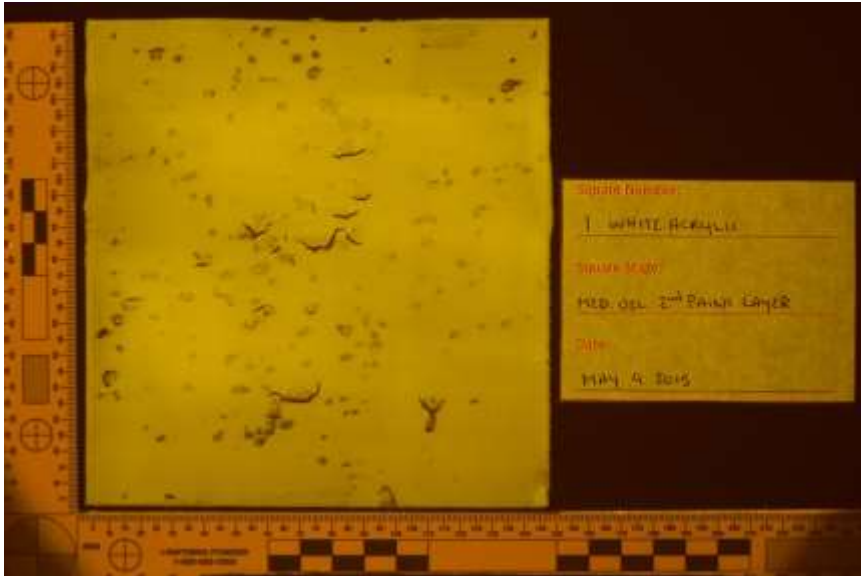
Orange 415nm Single



Orange 445nm HDR



Orange 445nm Single

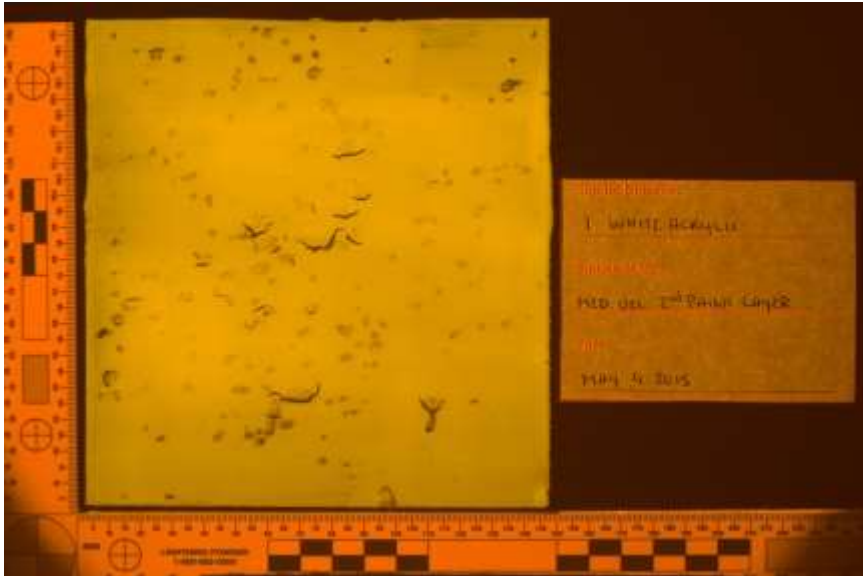


Orange 455nm HDR

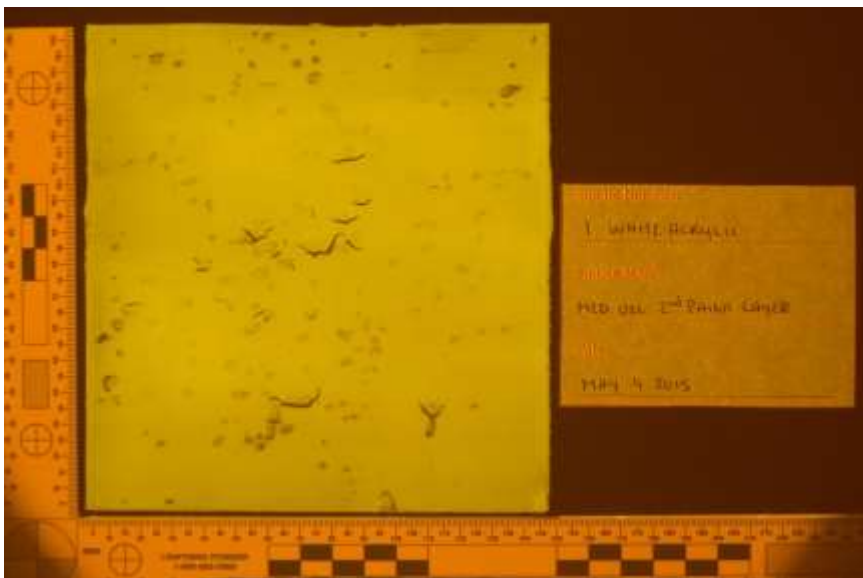


Orange 455nm Single



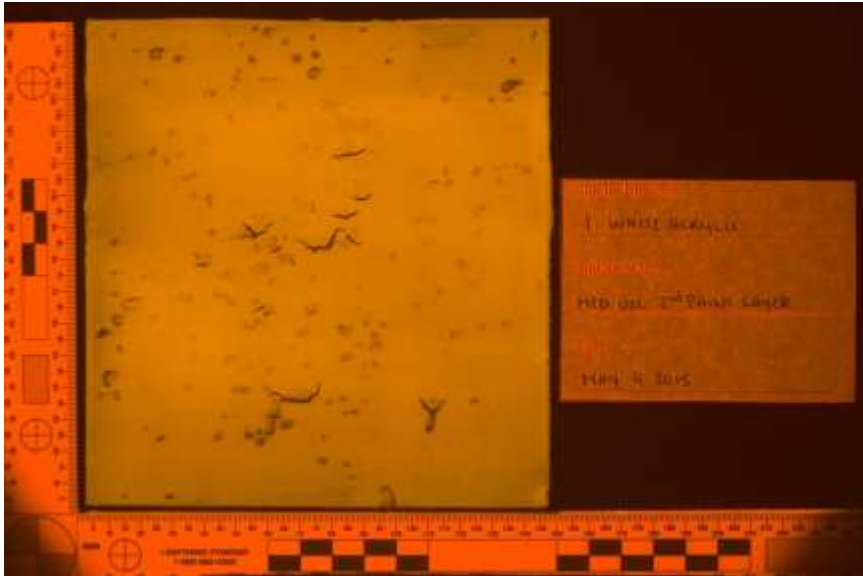


Orange 475nm HDR

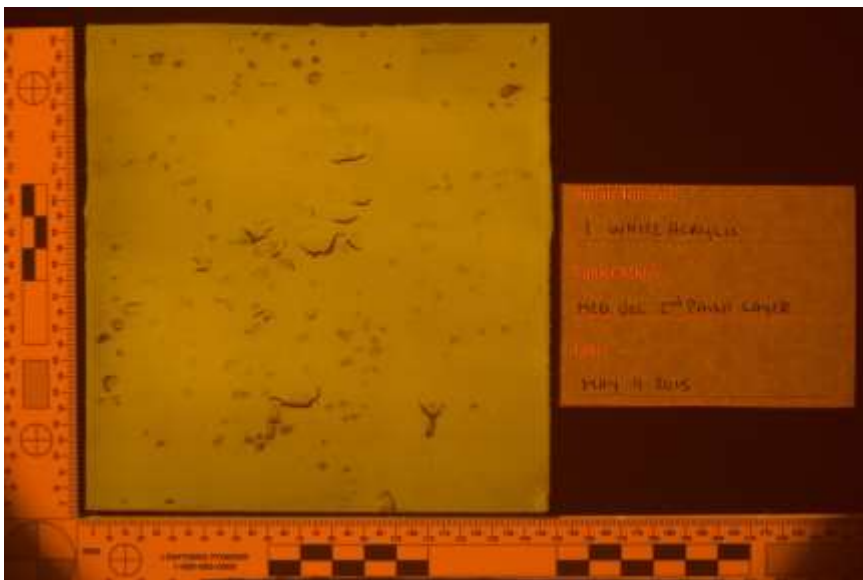


Orange 475nm Single

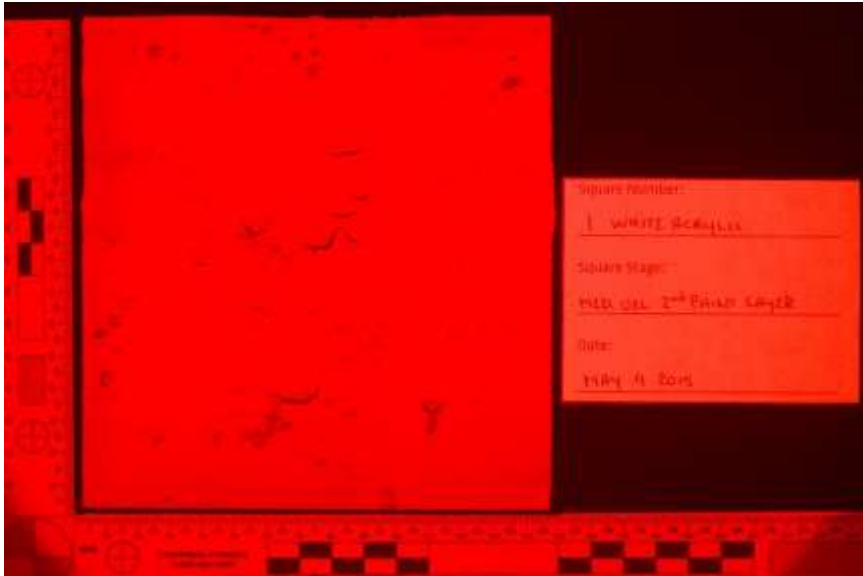




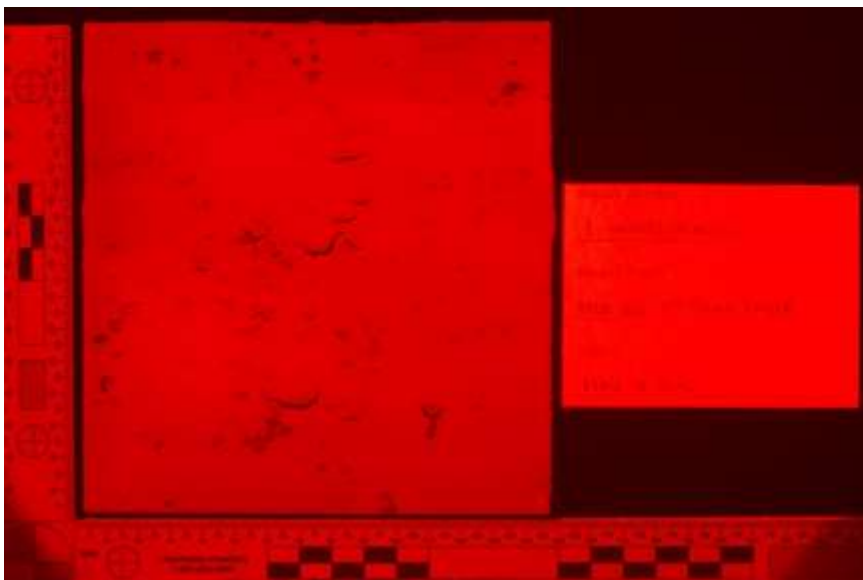
Orange 495nm HDR



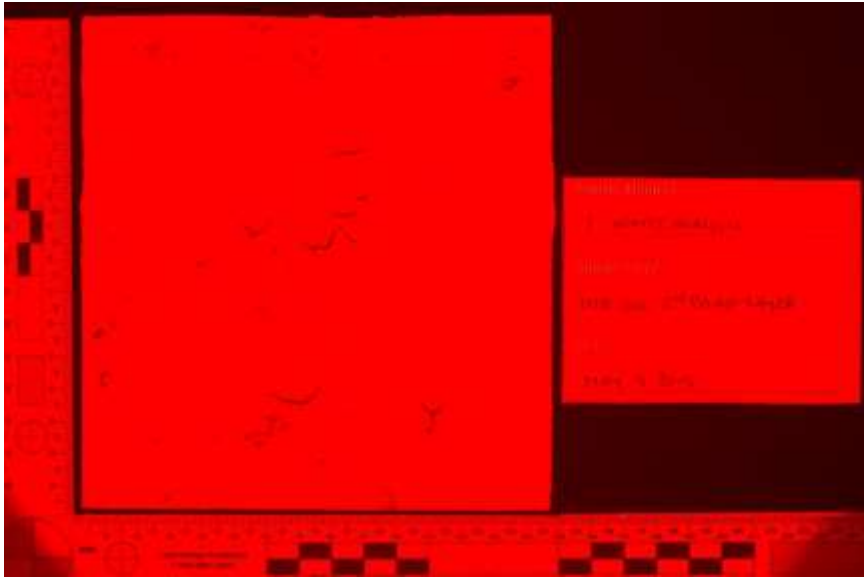
Orange 495nm Single



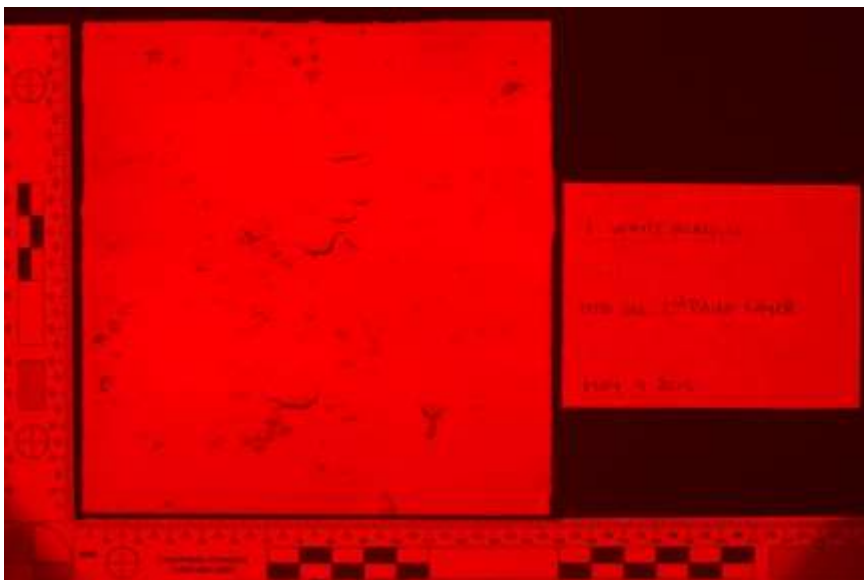
Red 415nm HDR



Red 415nm Single



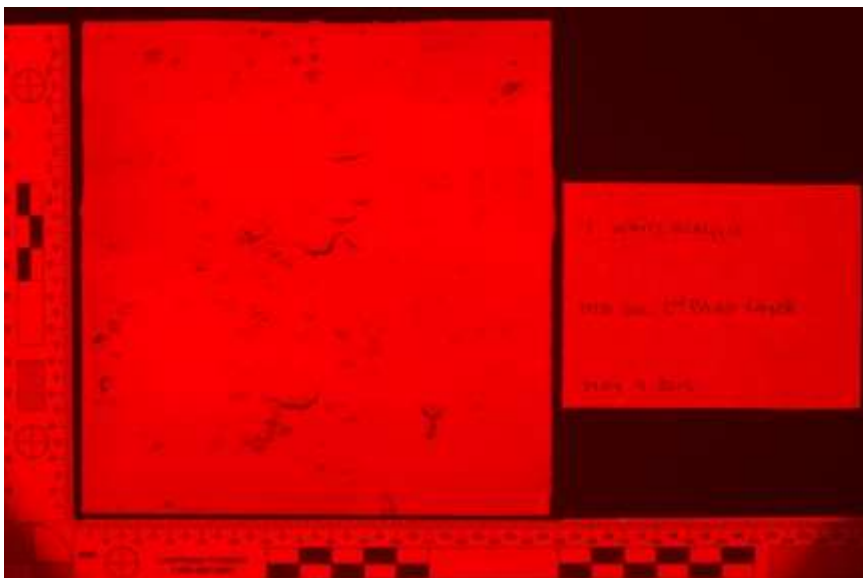
Red 445nm HDR



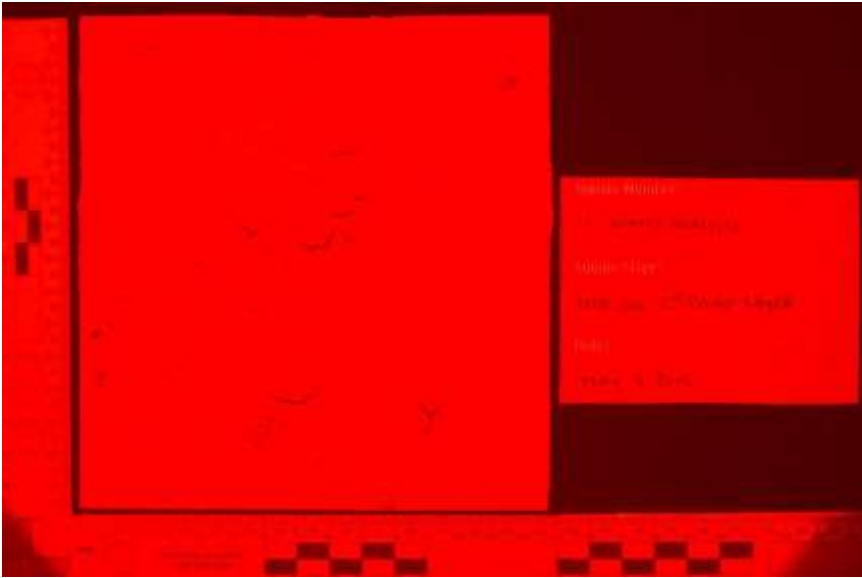
Red 445nm Single



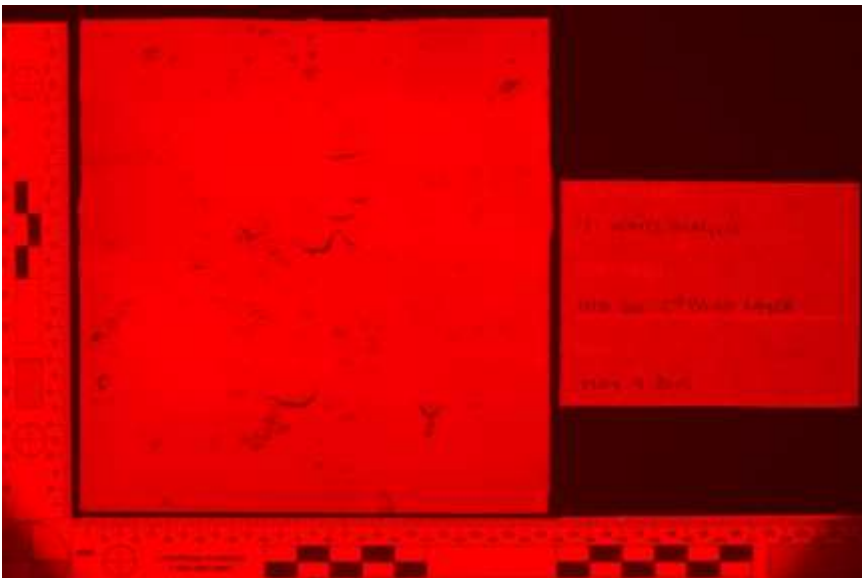
Red 455nm HDR



Red 455nm Single



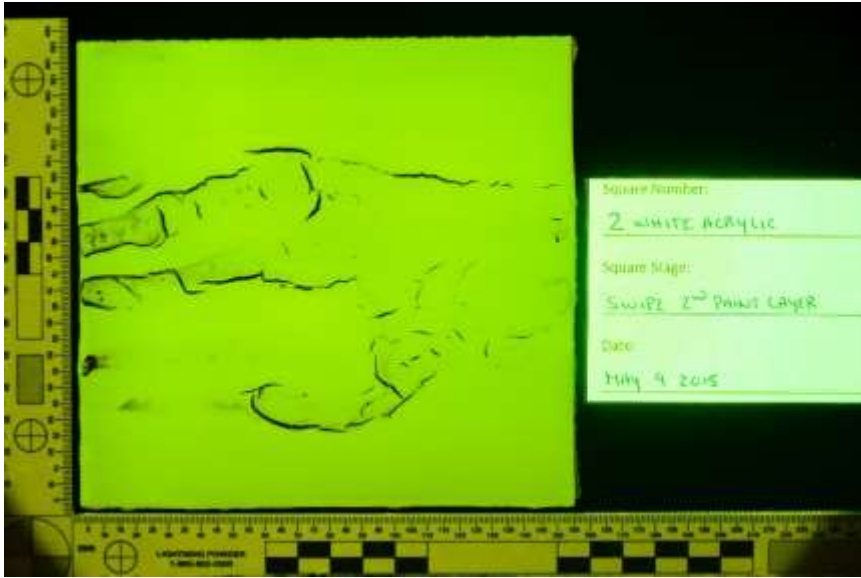
Red 475nm HDR



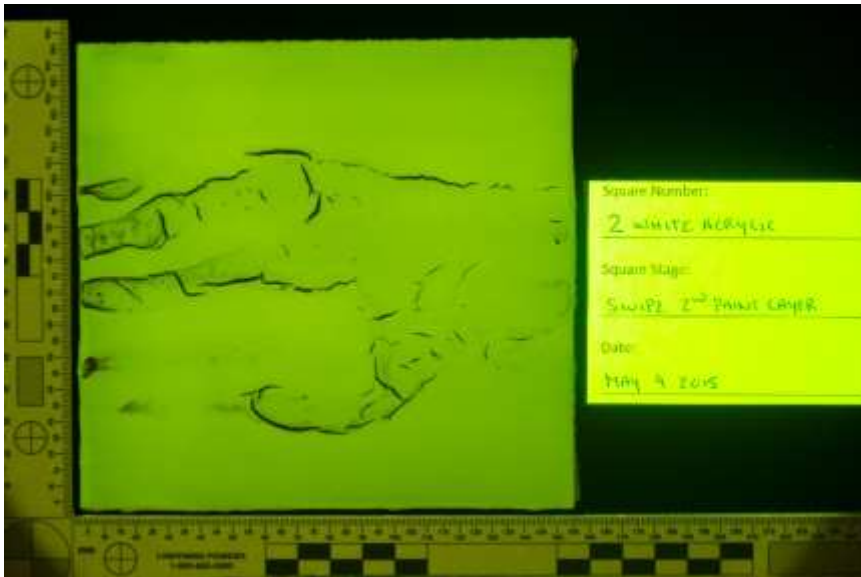
Red 475nm Single



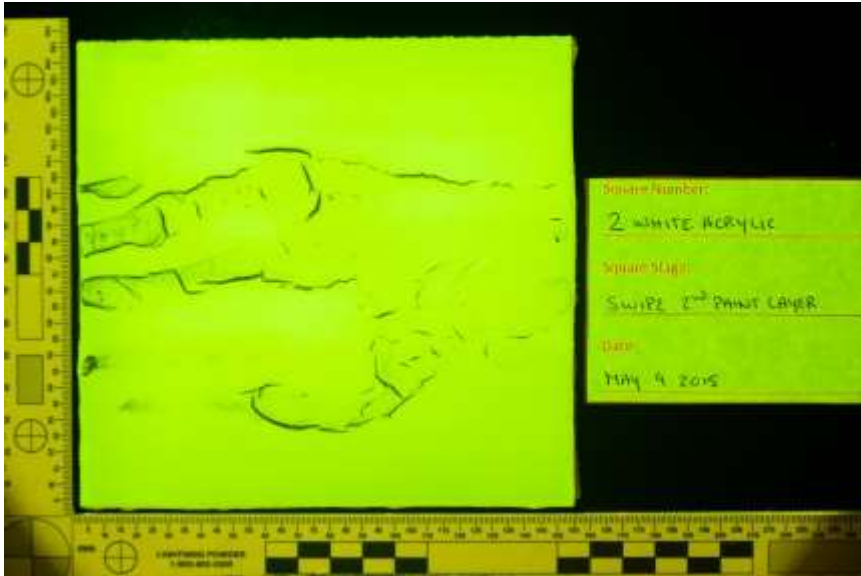
White Acrylic 2 – Swipe



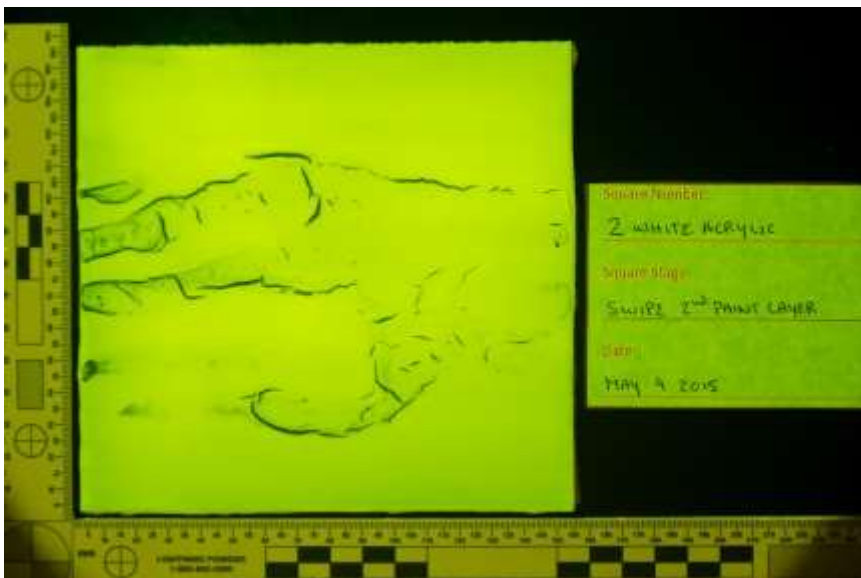
Yellow 415nm HDR



Yellow 415nm Single



Yellow 445nm HDR

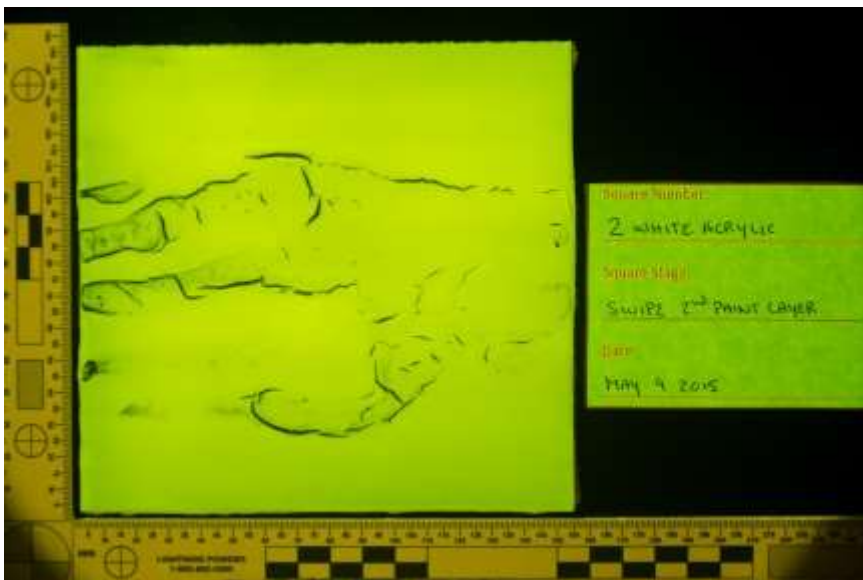


Yellow 445nm Single





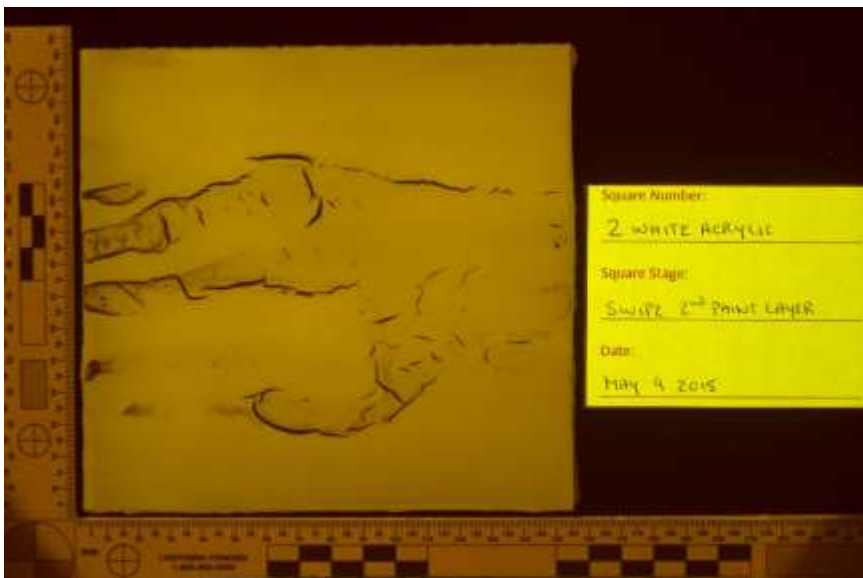
Yellow 455nm HDR



Yellow 455nm Single



Orange 415nm HDR



Orange 415nm Single



Orange 445nm HDR



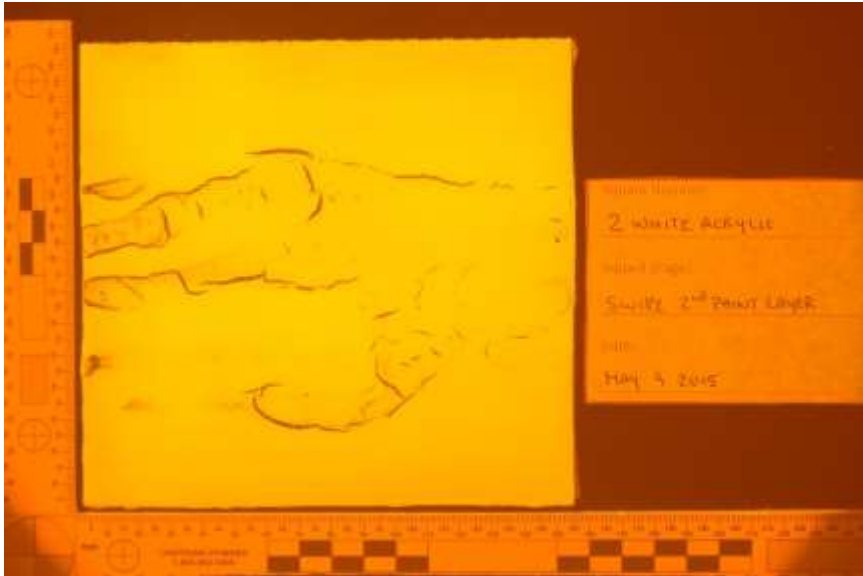
Orange 445nm Single



Orange 455nm HDR



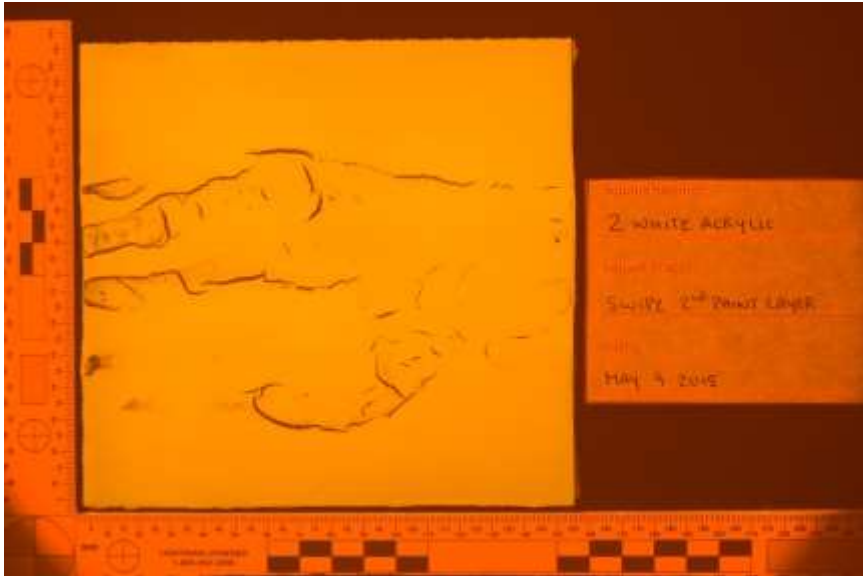
Orange 455nm Single



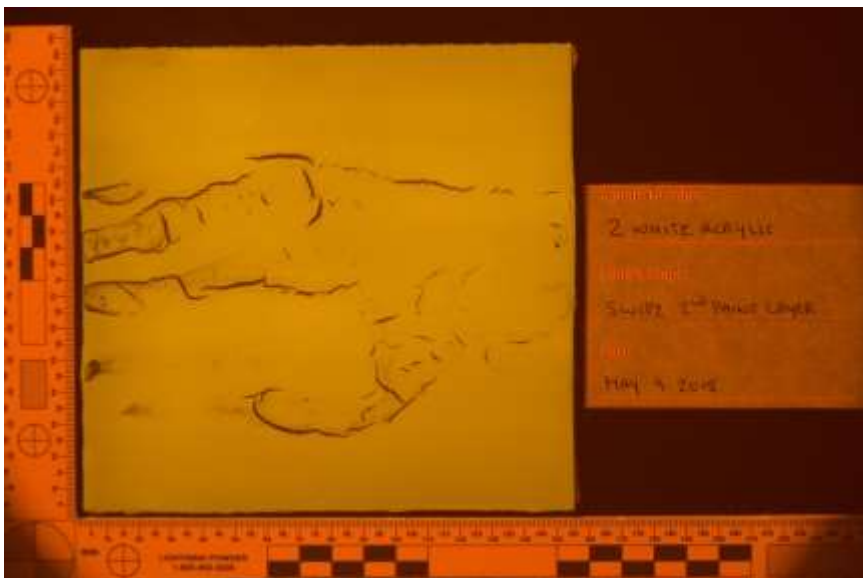
Orange 475nm HDR



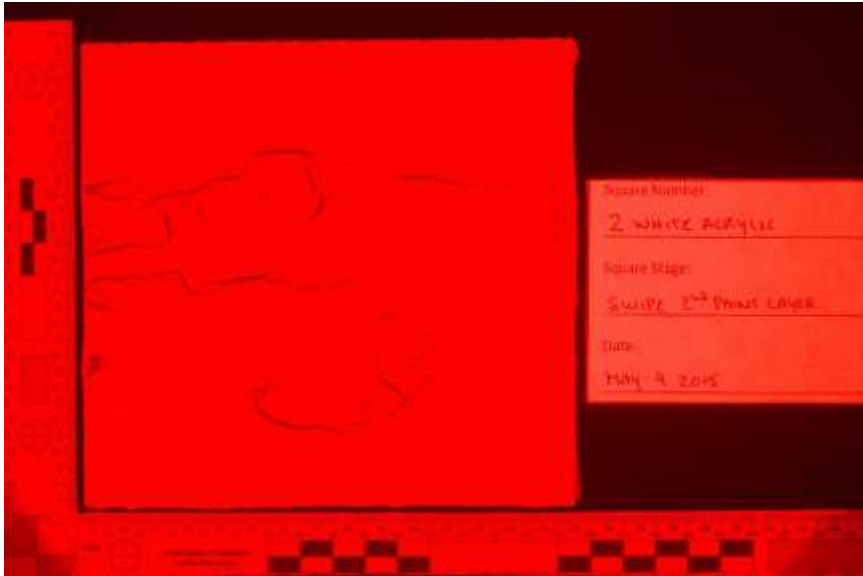
Orange 475nm Single



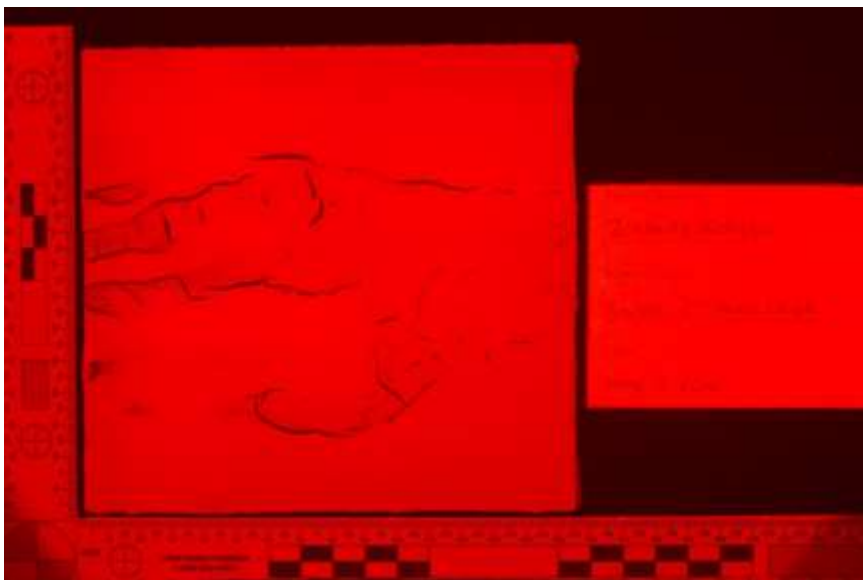
Orange 495nm HDR



Orange 495nm Single



Red 415nm HDR

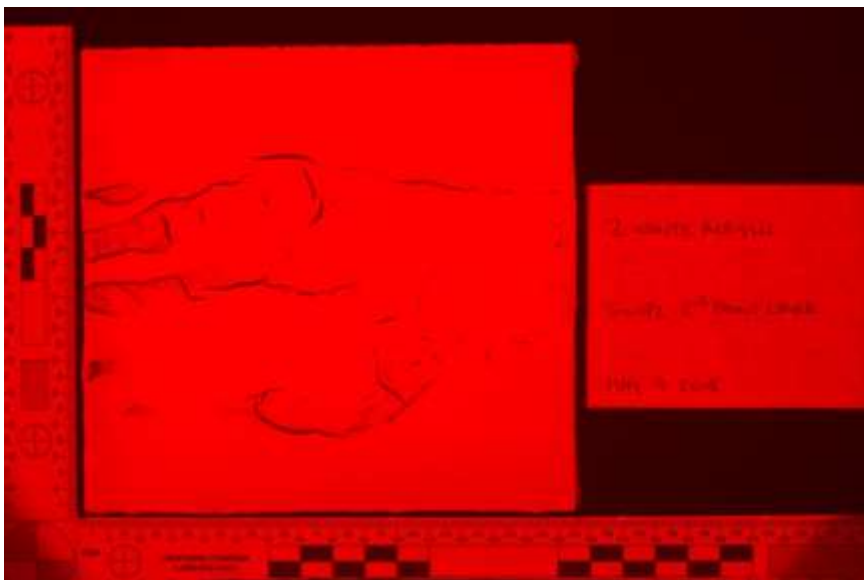


Red 415nm Single





Red 445nm HDR

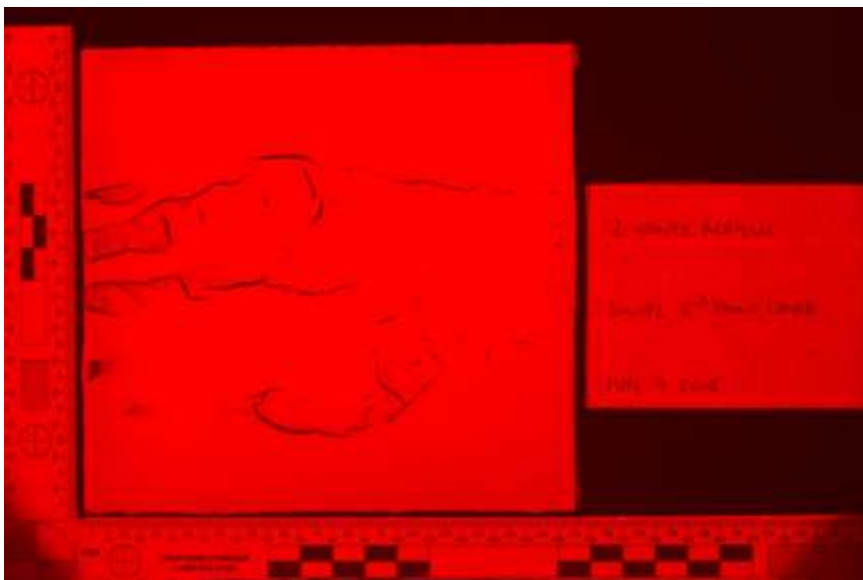


Red 445nm Single





Red 455nm HDR



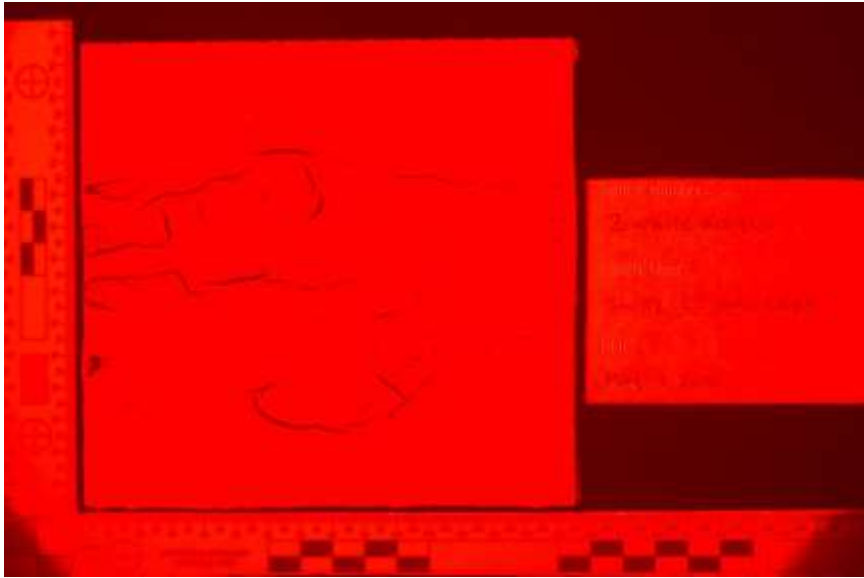
Red 455nm Single



Red 475nm HDR



Red 475nm Single



Red 575nm HDR

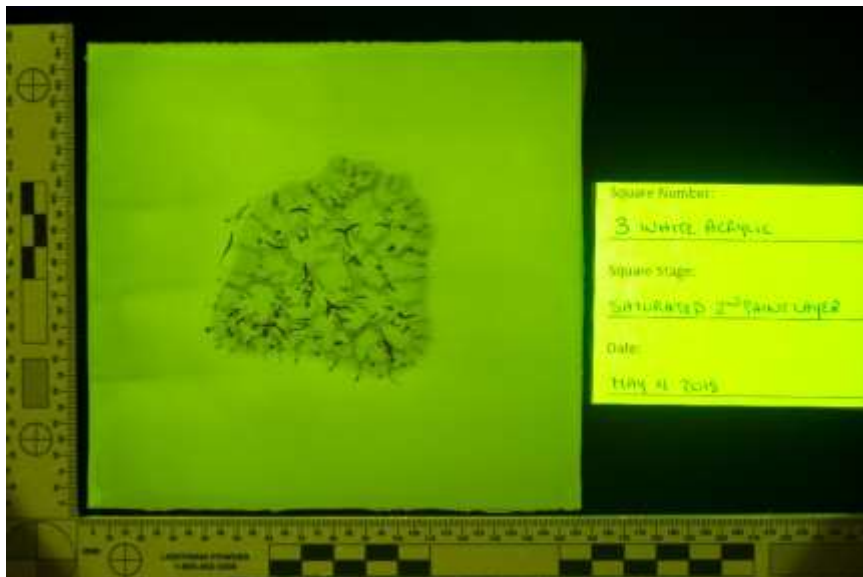


Red 575nm Single

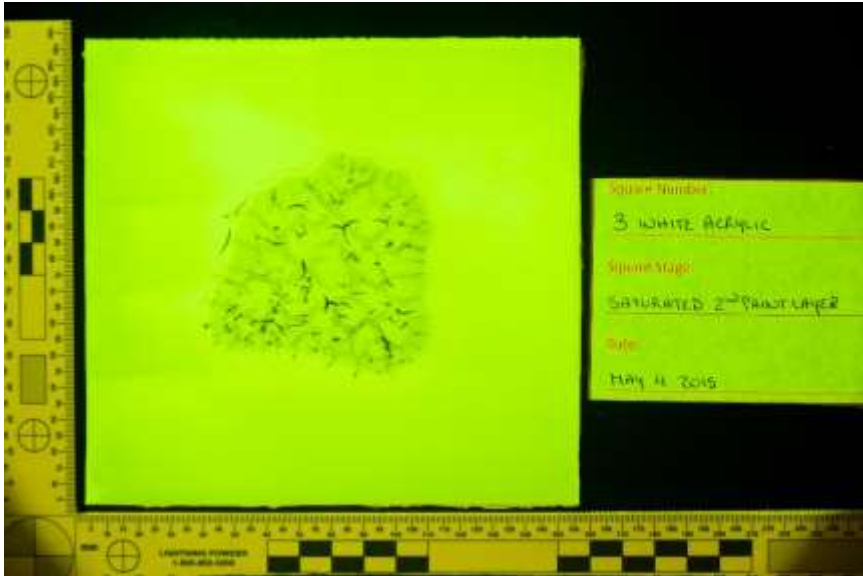
White Acrylic 3 – Saturated



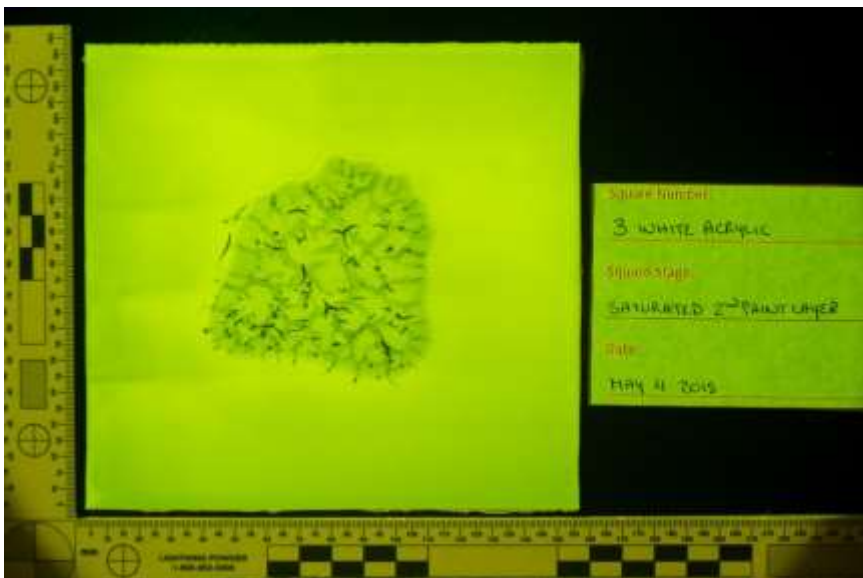
Yellow 415nm HDR



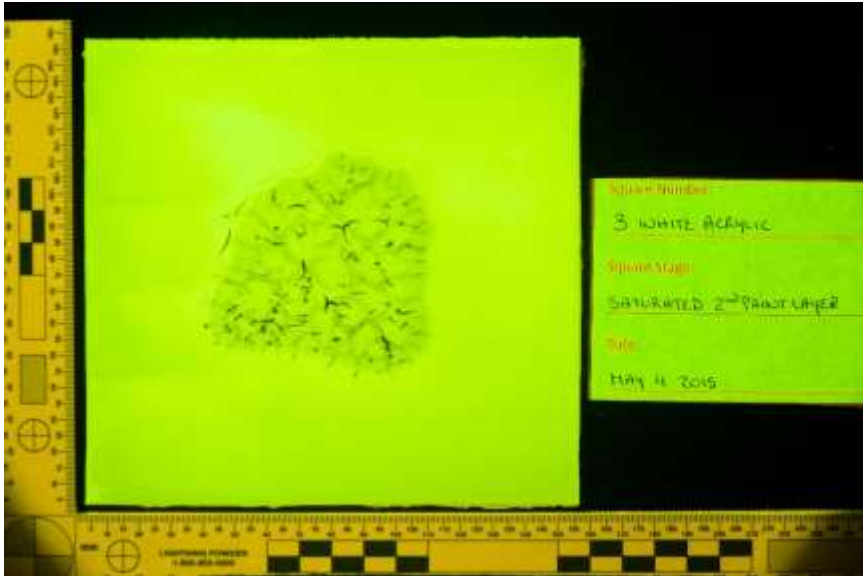
Yellow 415nm Single



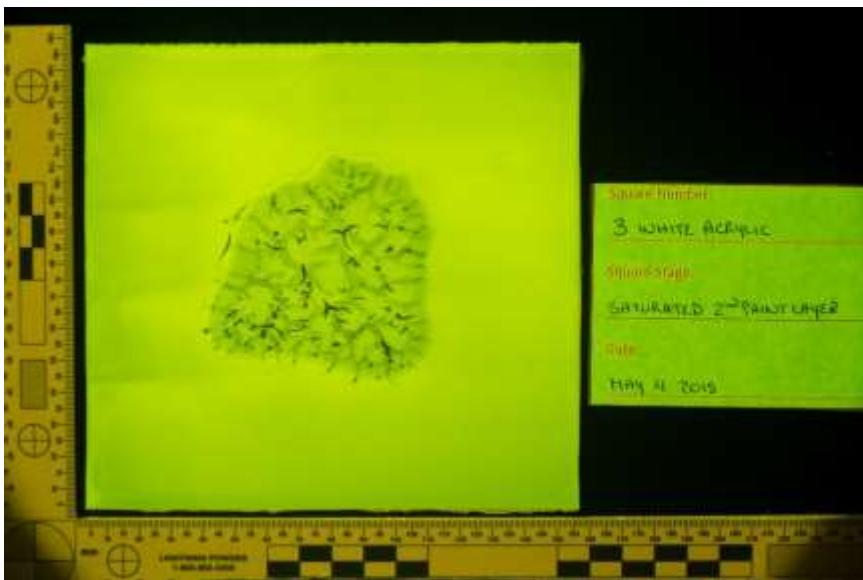
Yellow 445nm HDR



Yellow 445nm Single



Yellow 455nm HDR



Yellow 455nm Single



Orange 415nm HDR

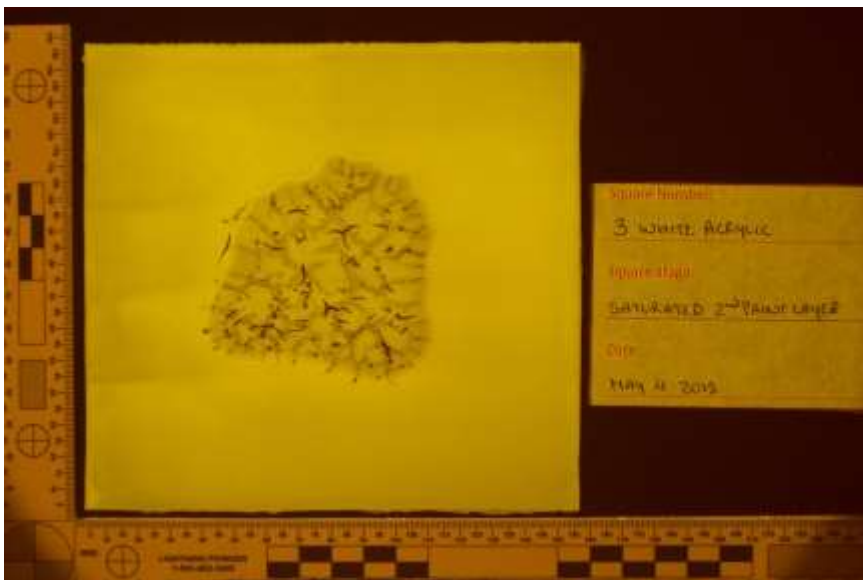


Orange 415nm Single



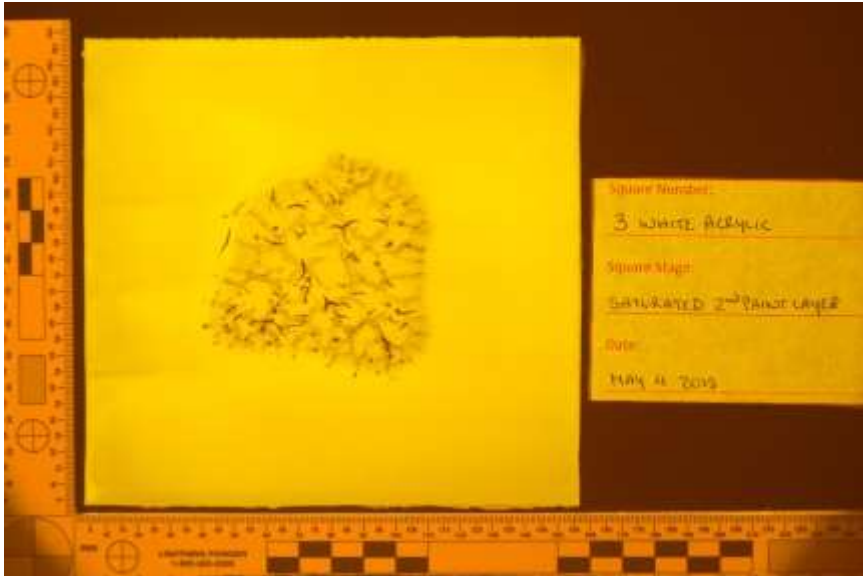


Orange 445nm HDR

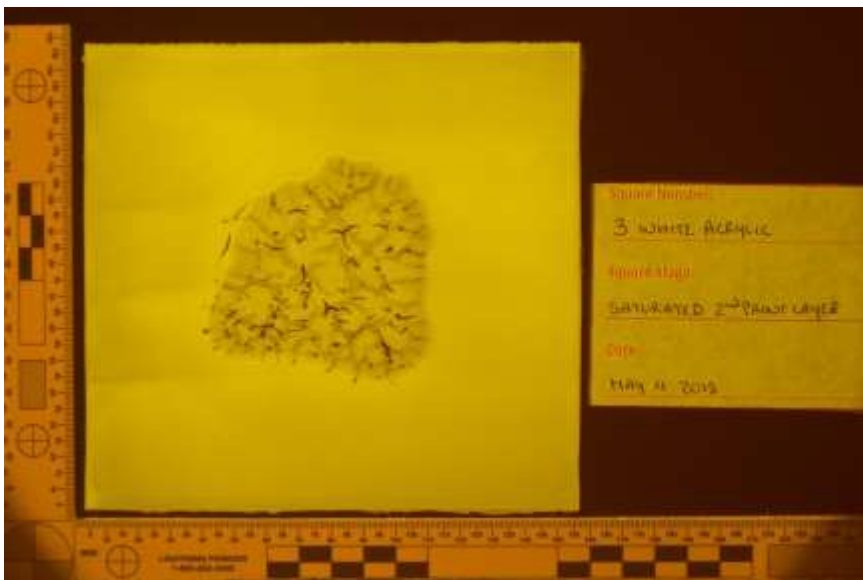


Orange 445nm Single





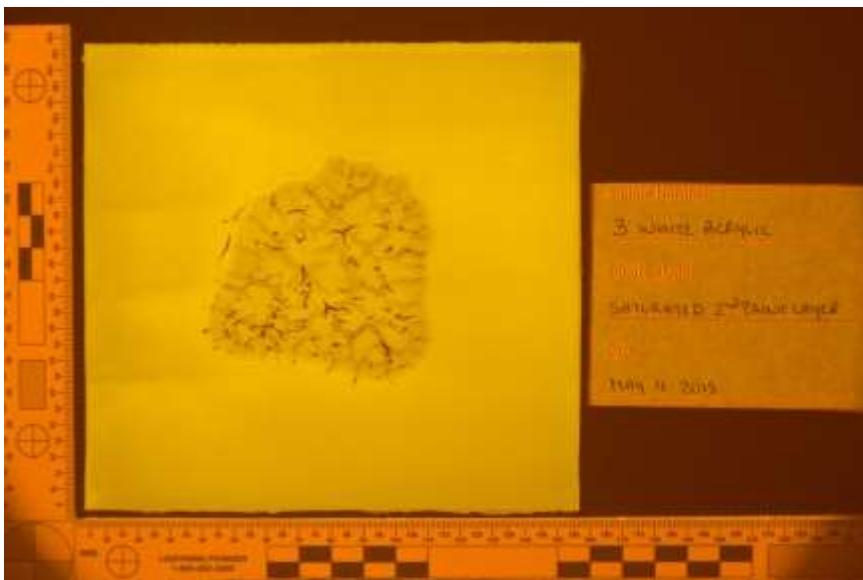
Orange 455nm HDR



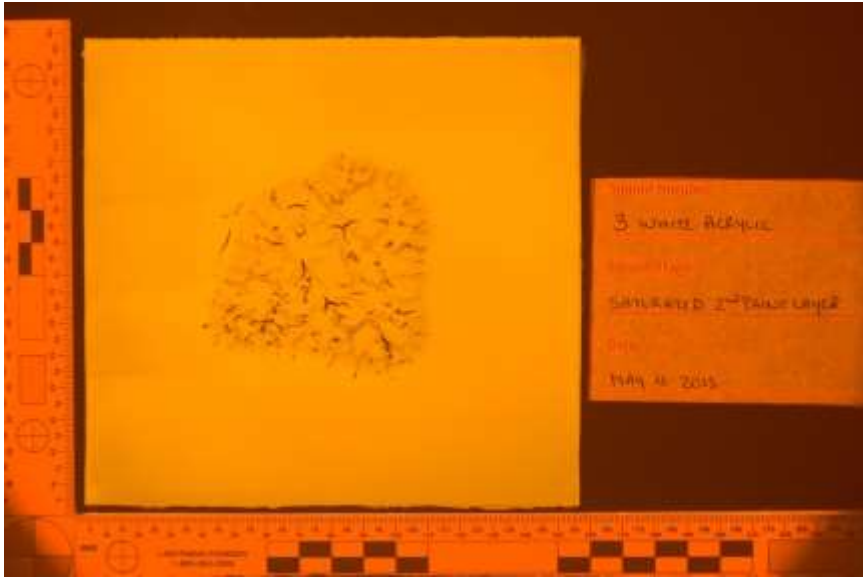
Orange 455nm Single



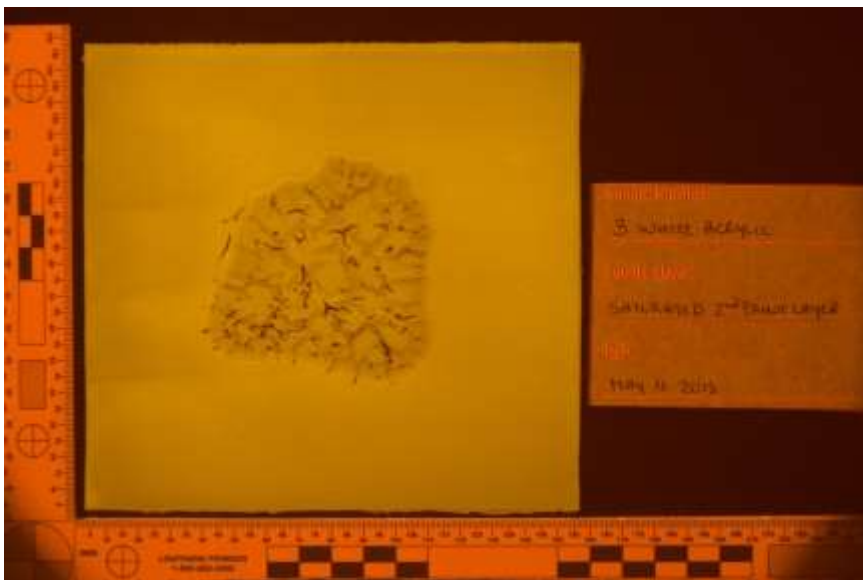
Orange 475nm HDR



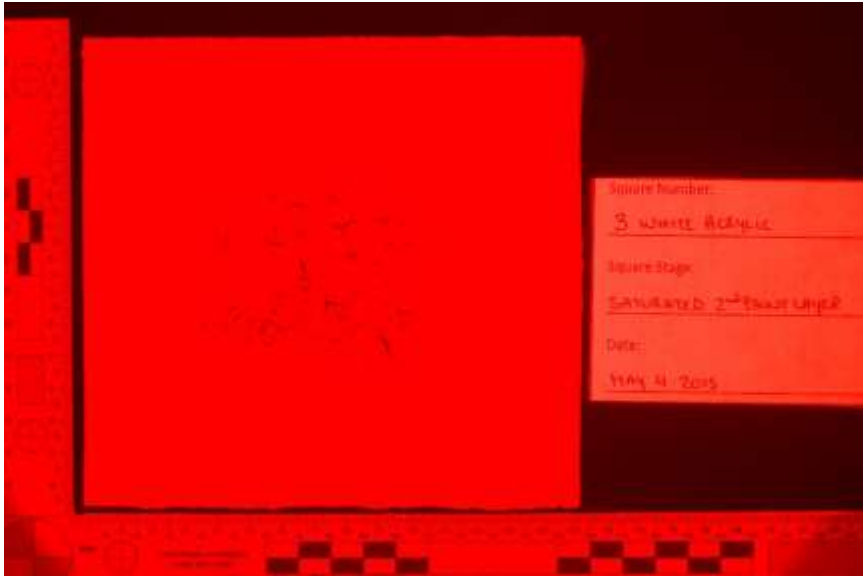
Orange 475nm Single



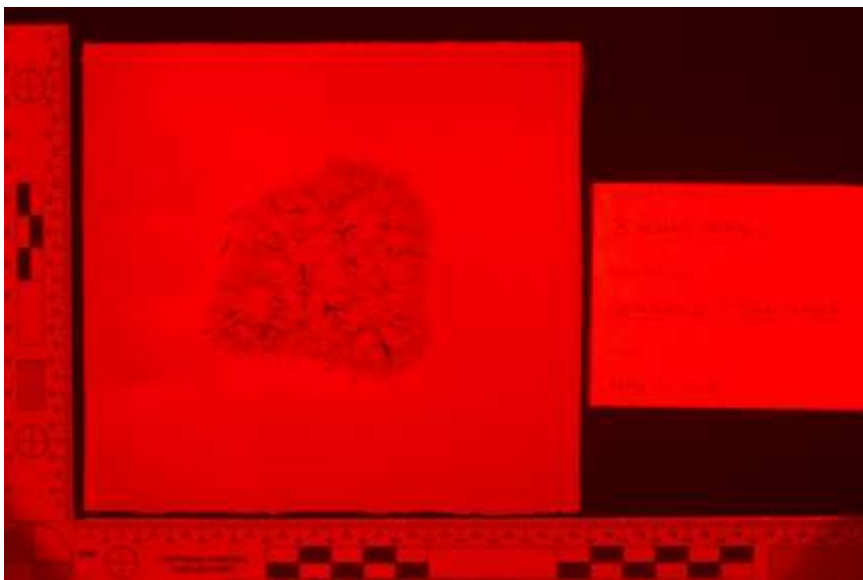
Orange 495nm HDR



Orange 495nm Single



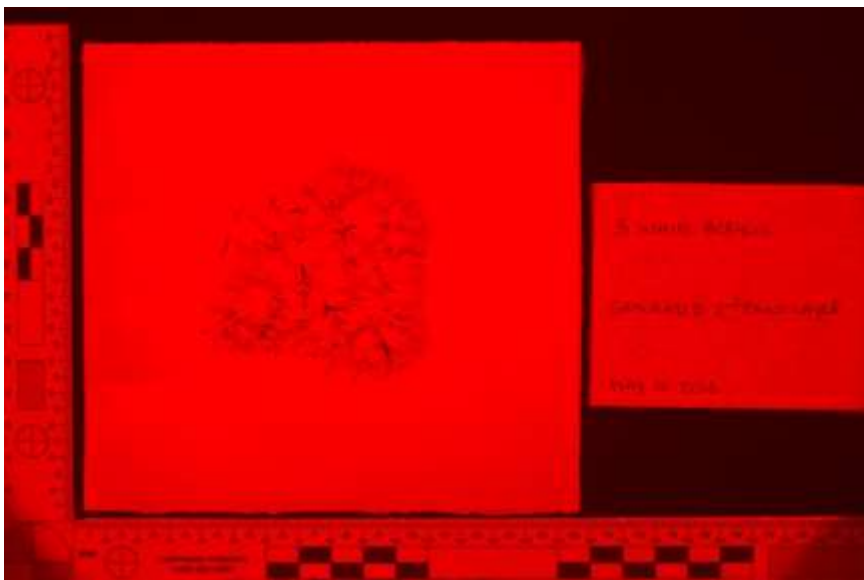
Red 415nm HDR



Red 415nm Single



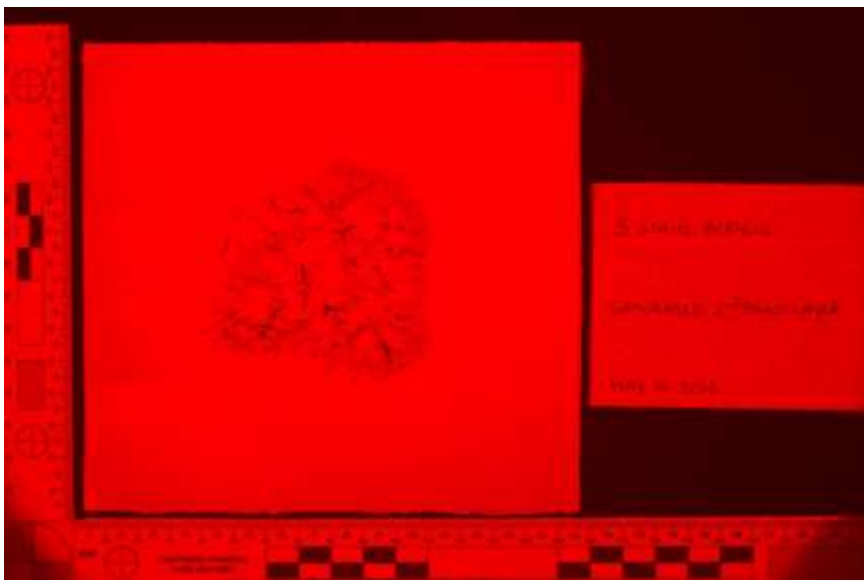
Red 445nm HDR



Red 445nm Single



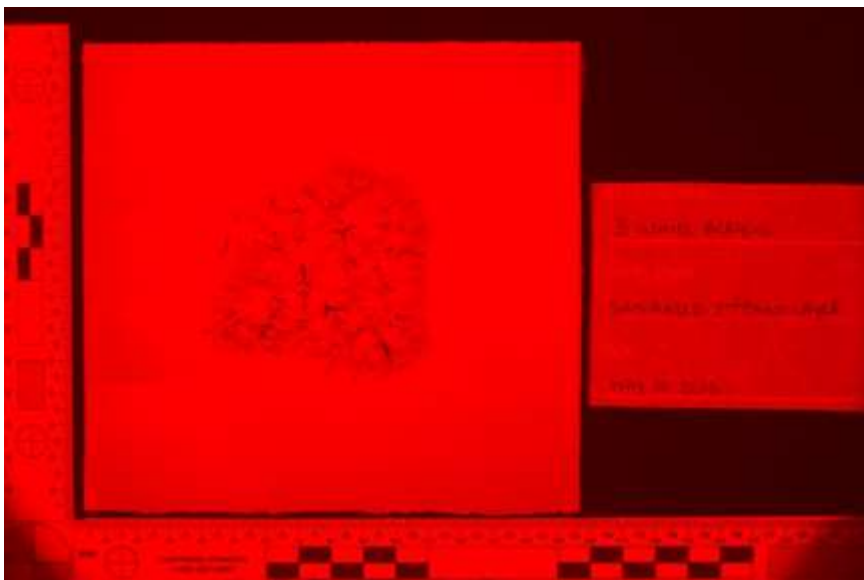
Red 455nm HDR



Red 455nm Single



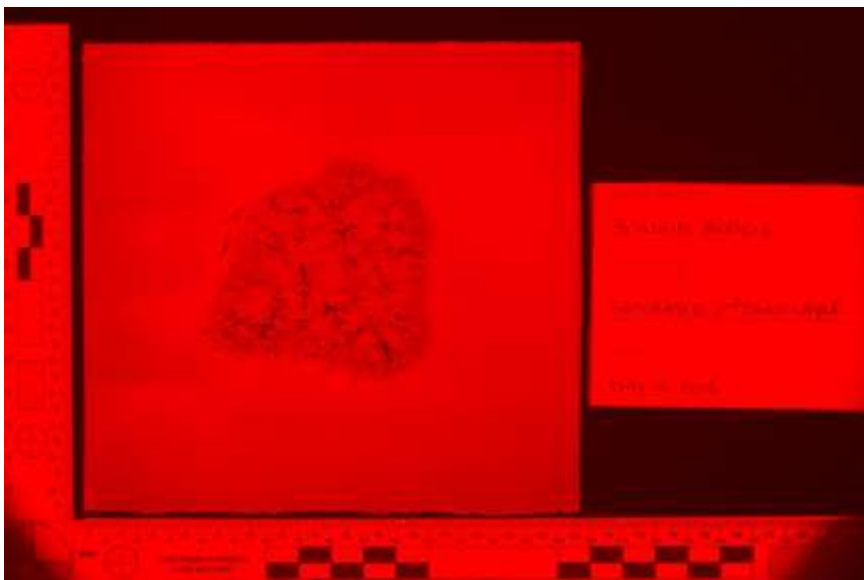
Red 475nm HDR



Red 475nm Single



Red 575nm HDR

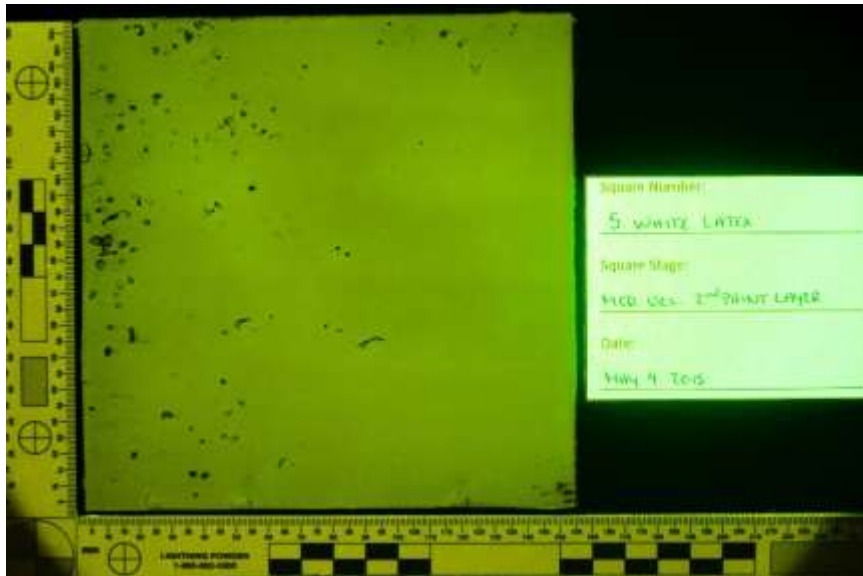


Red 575nm Single

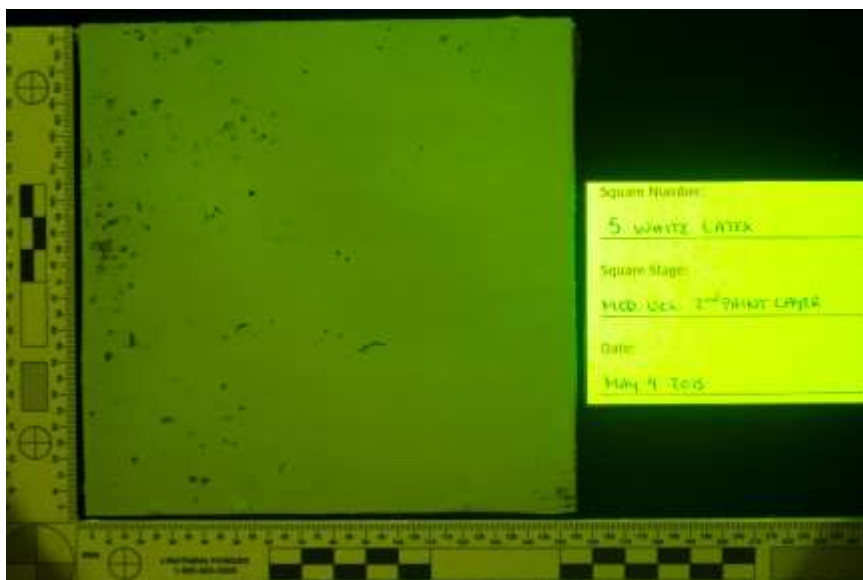


Appendix 4.3.5.2. White Latex – Yellow 415nm, 445nm, 455nm; Orange 415nm, 445nm, 455nm, 475nm, 495nm; Red 415nm, 445nm, 455nm, 475nm, 575nm Second layer of paint stage

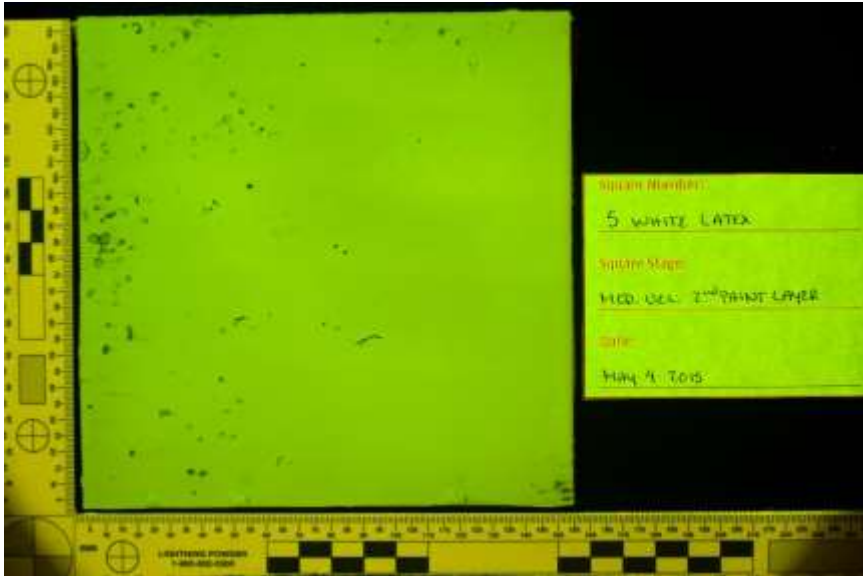
White Latex 5 – Medium Velocity



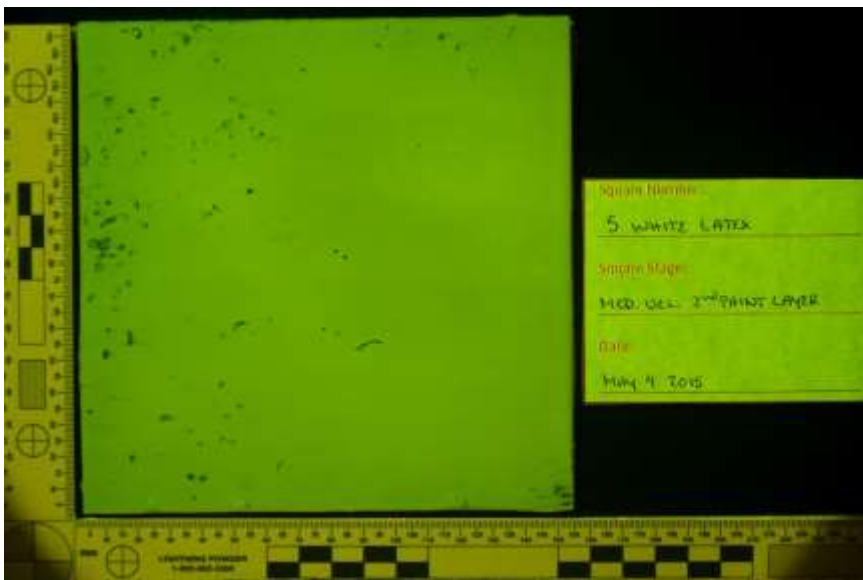
Yellow 415nm HDR



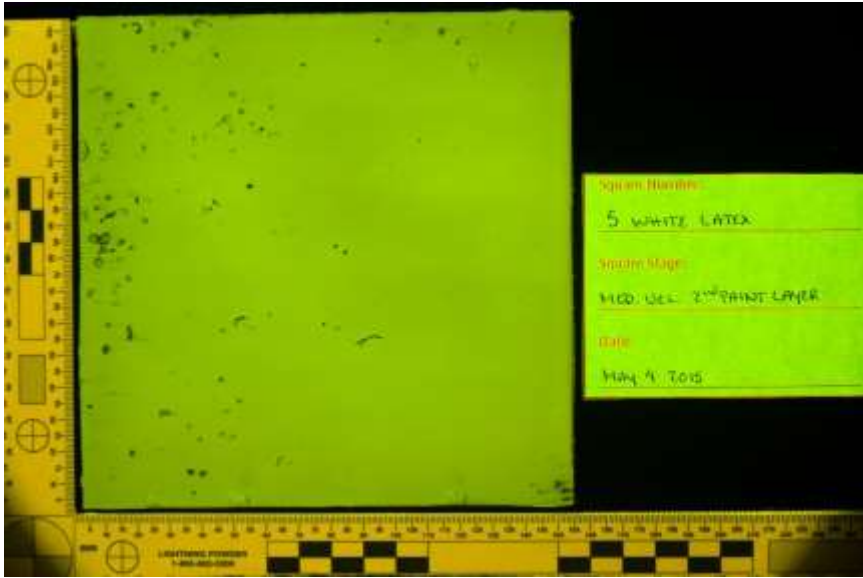
Yellow 415nm Single



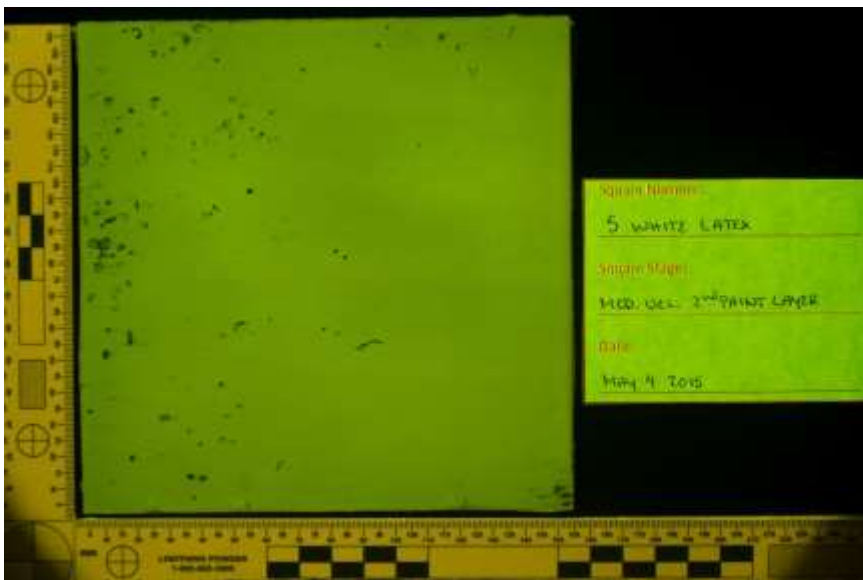
Yellow 445nm HDR



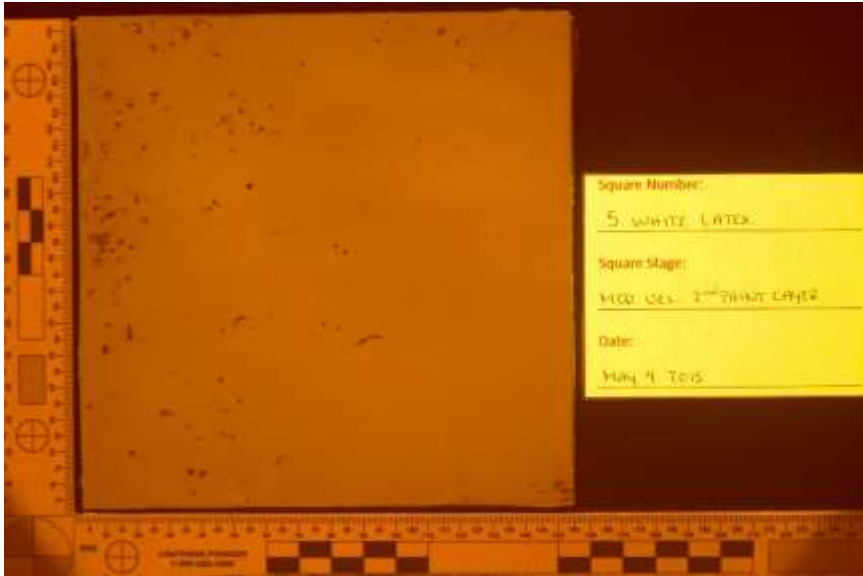
Yellow 445nm Single



Yellow 455nm HDR



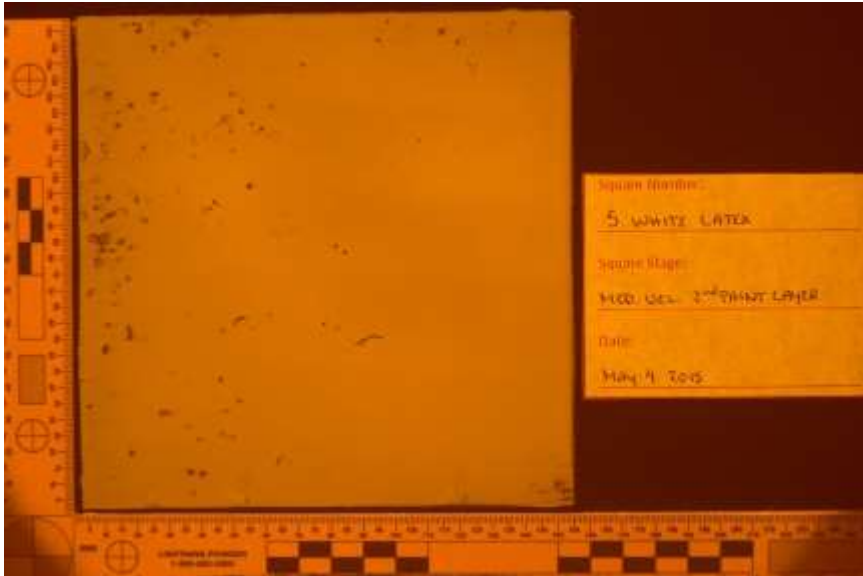
Yellow 455nm Single



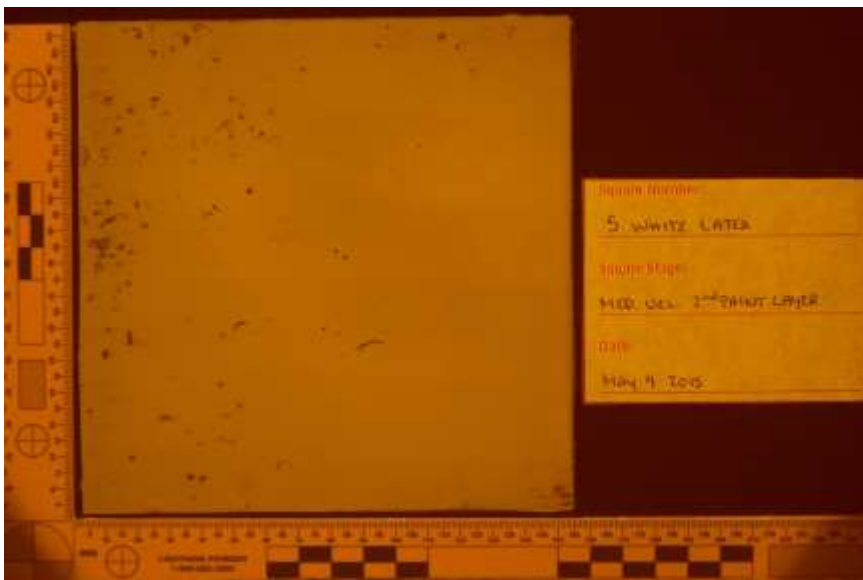
Orange 415nm HDR



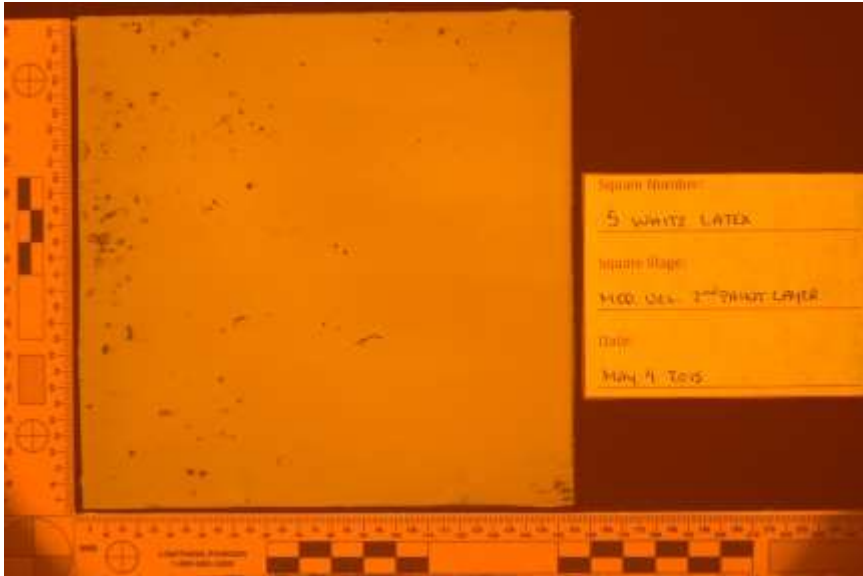
Orange 415nm Single



Orange 445nm HDR



Orange 445nm Single



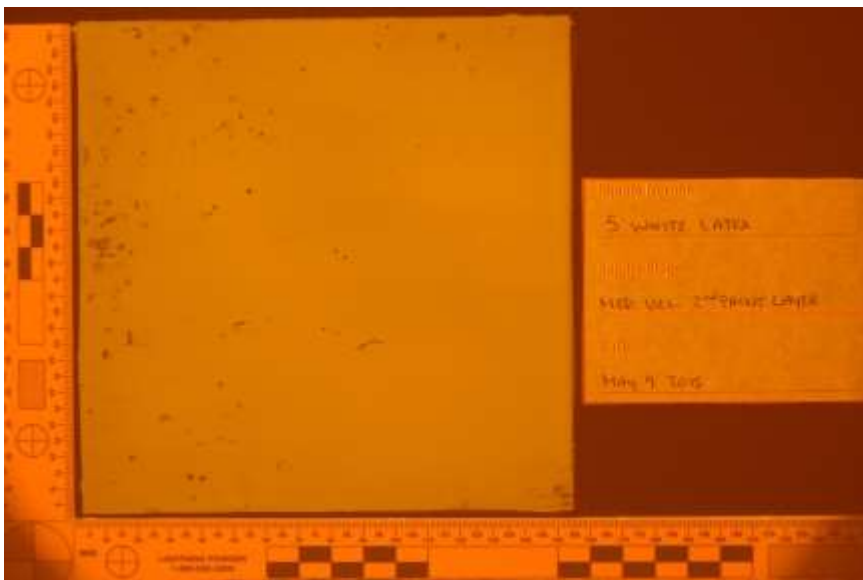
Orange 455nm HDR



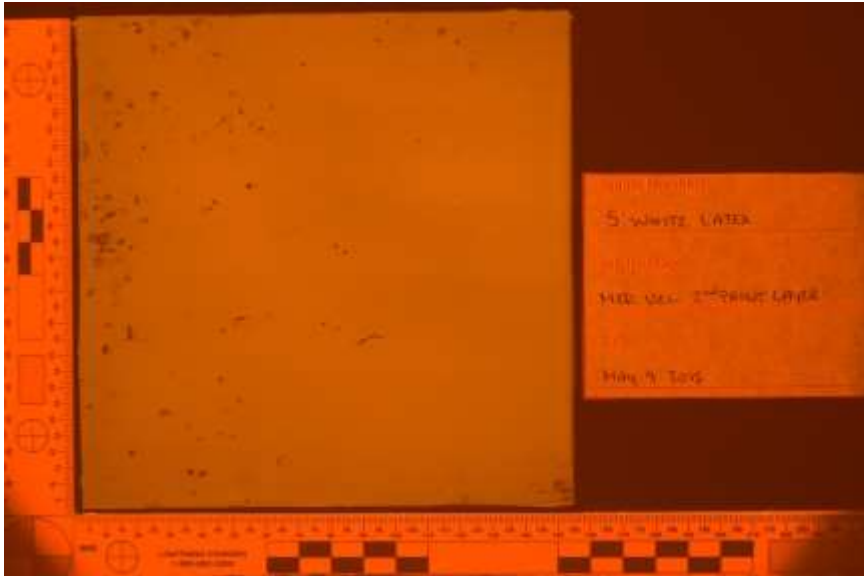
Orange 455nm Single



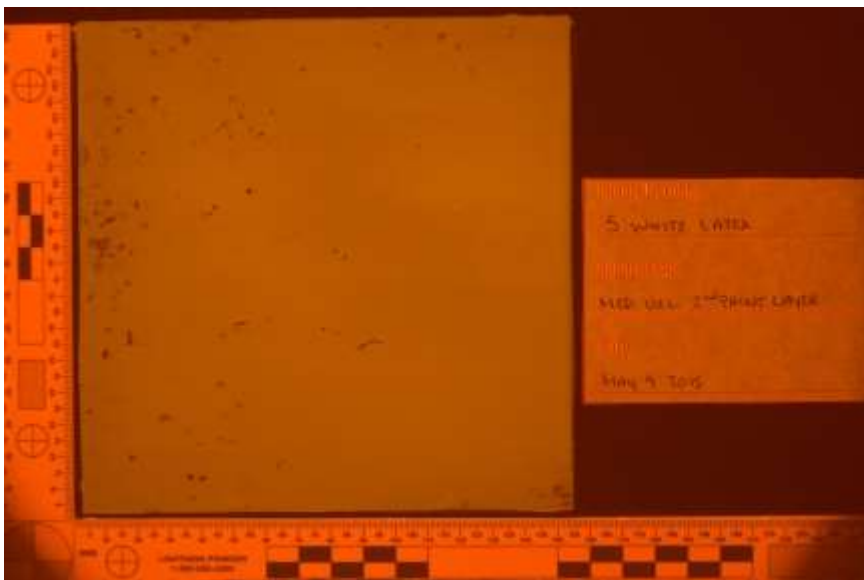
Orange 475nm HDR



Orange 475nm Single

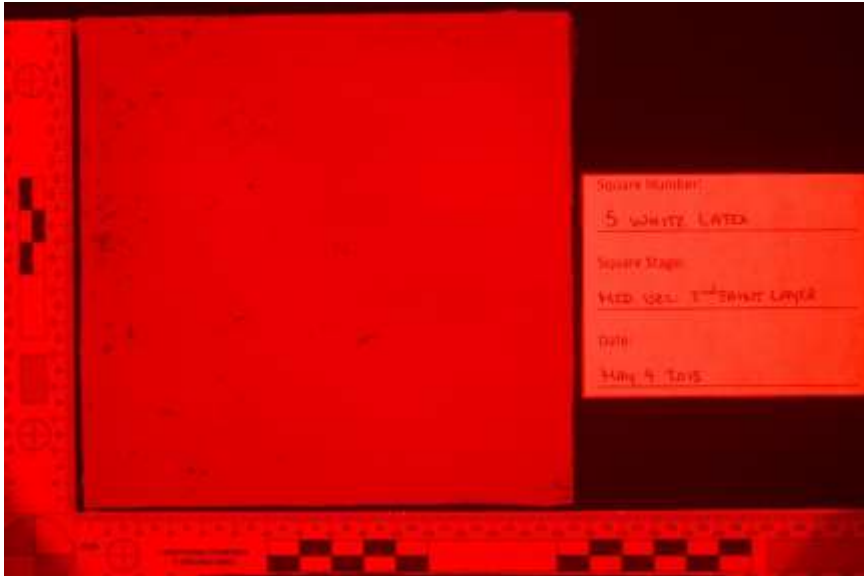


Orange 495nm HDR

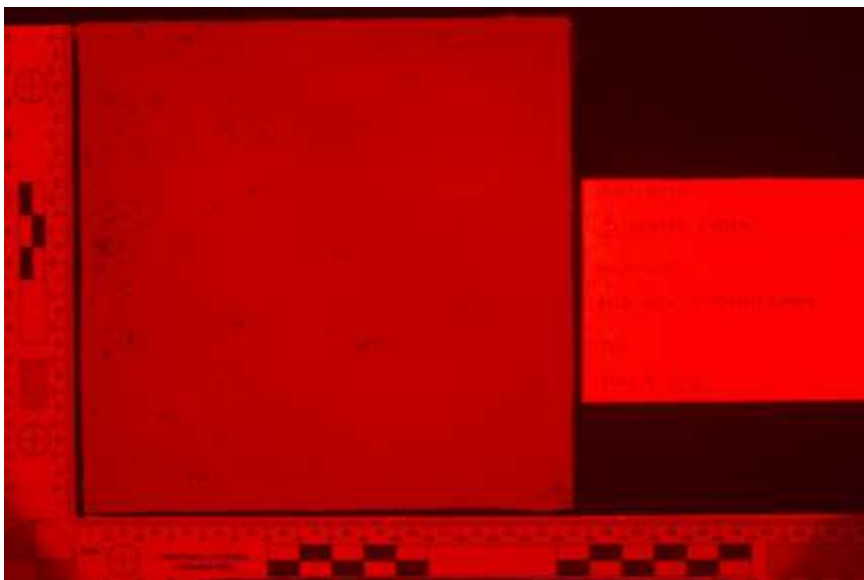


Orange 495nm Single

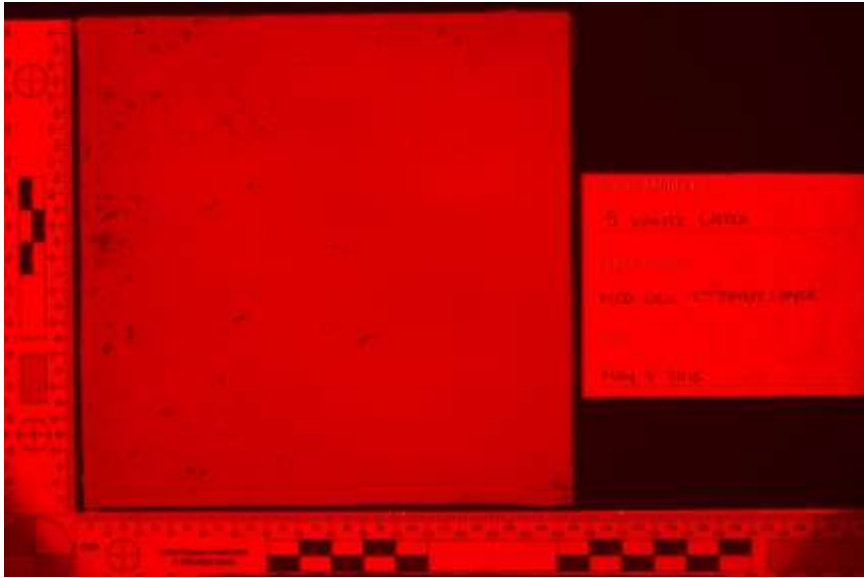




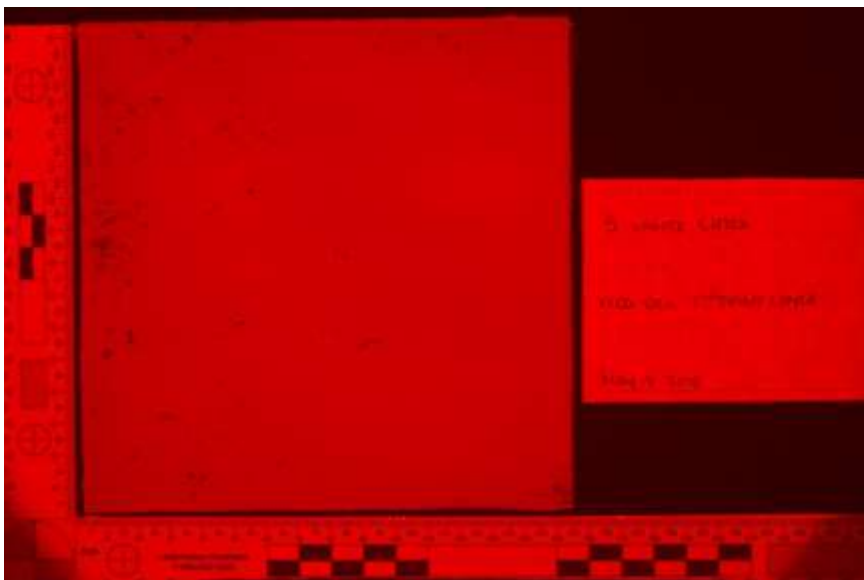
Red 415nm HDR



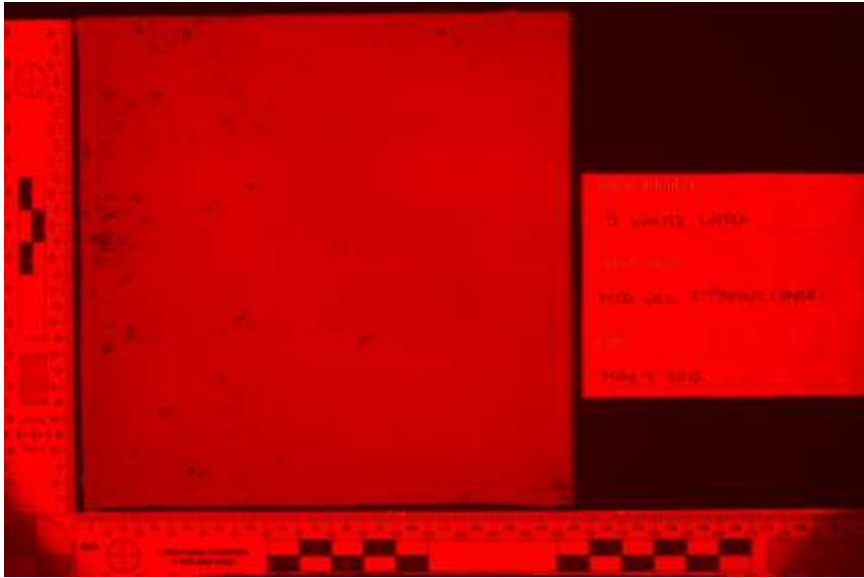
Red 415nm Single



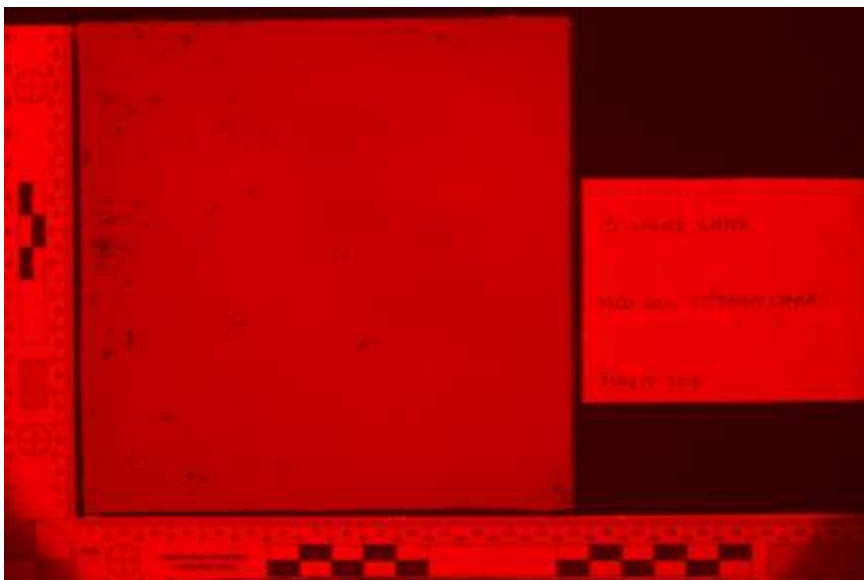
Red 445nm HDR



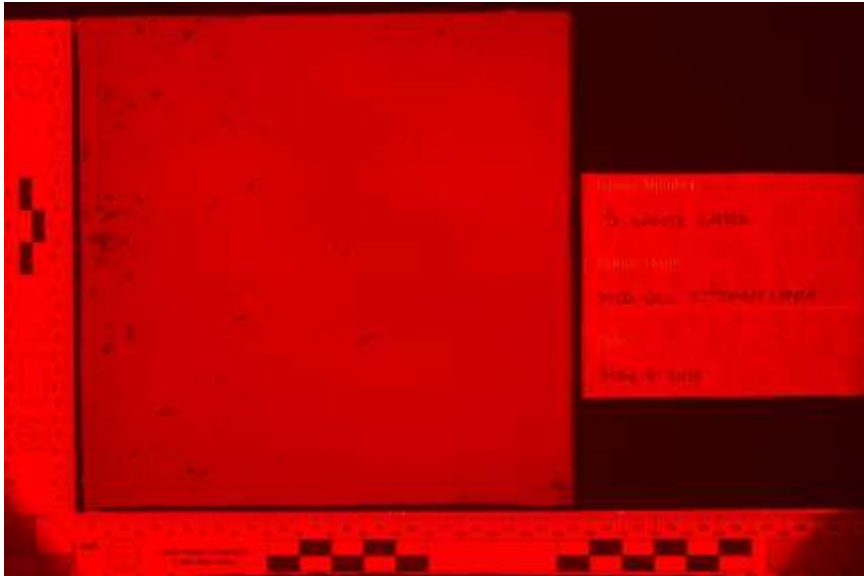
Red 445nm Single



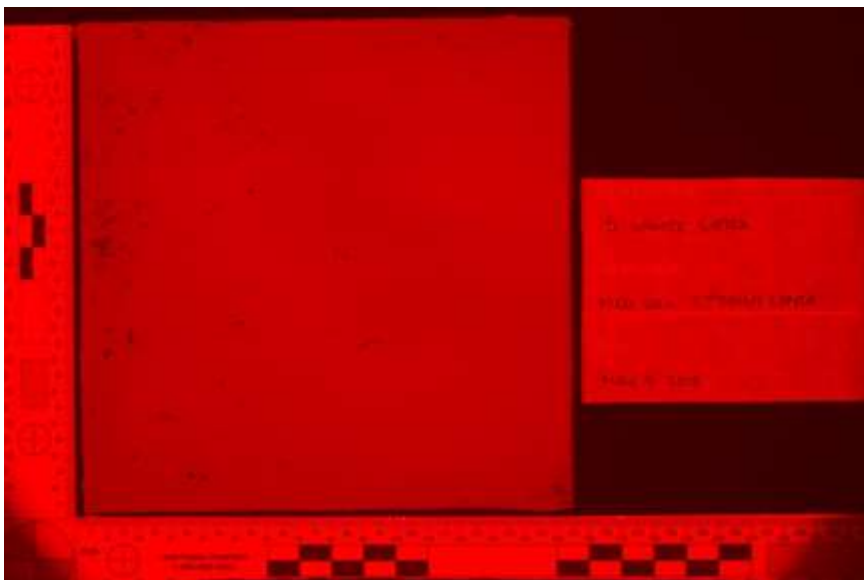
Red 455nm HDR



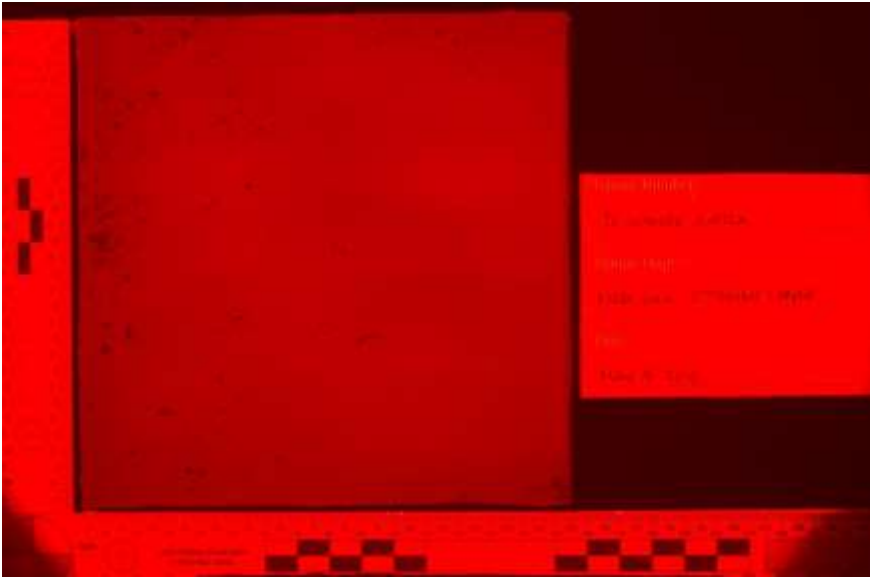
Red 455nm Single



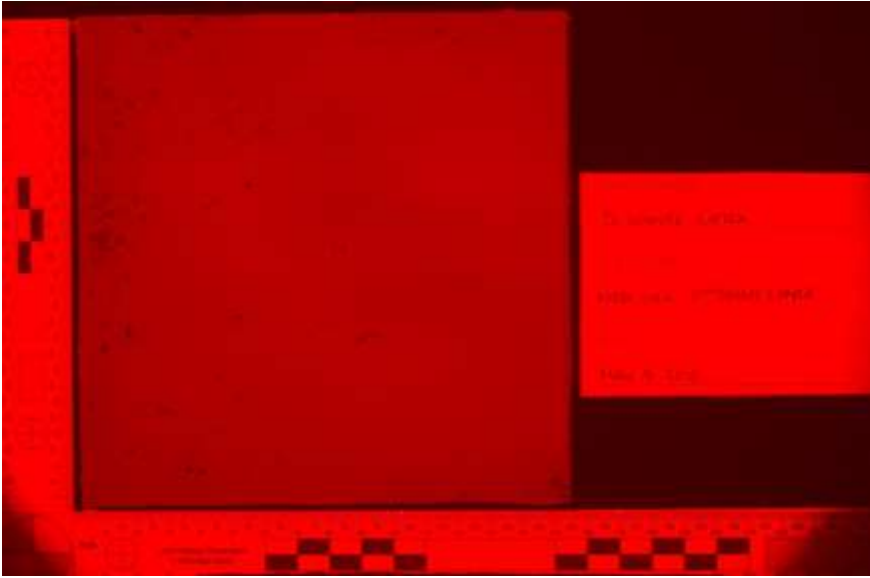
Red 475nm HDR



Red 475nm Single



Red 575nm HDR

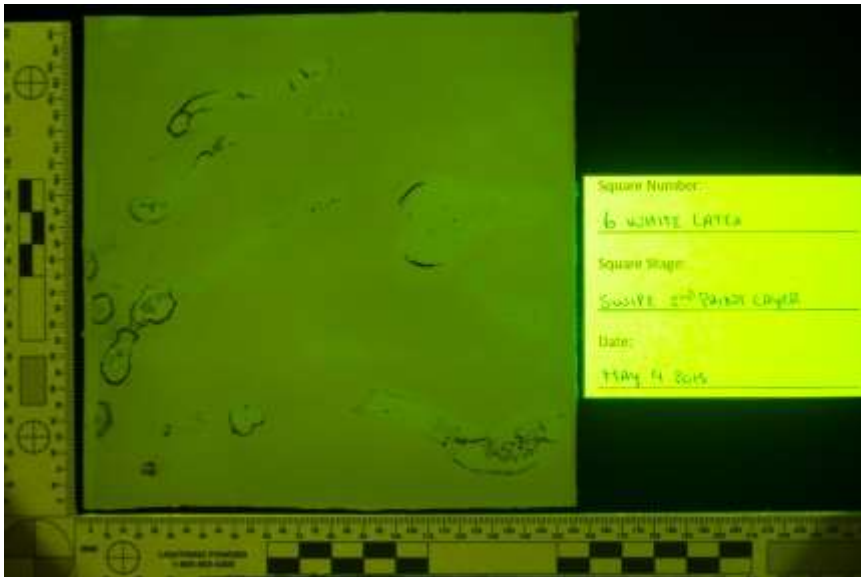


Red 575nm Single

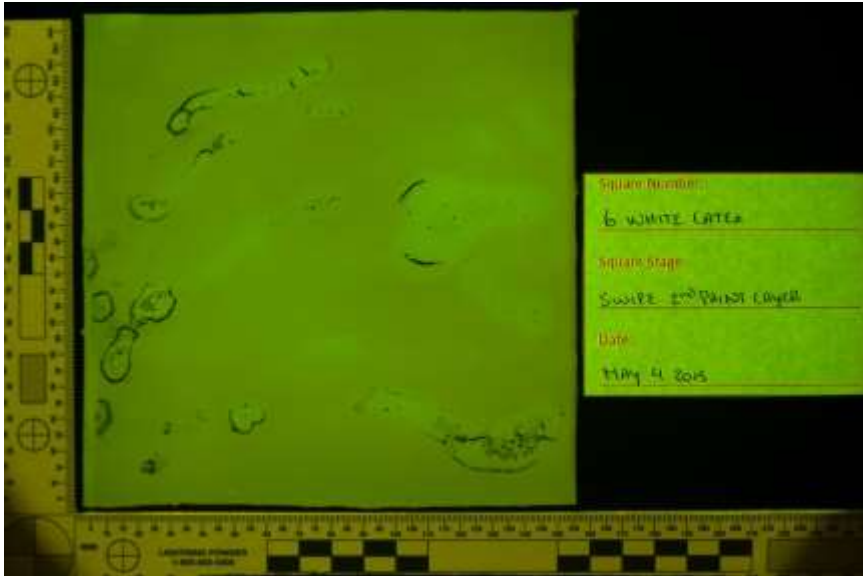
White Latex 6 – Swipe



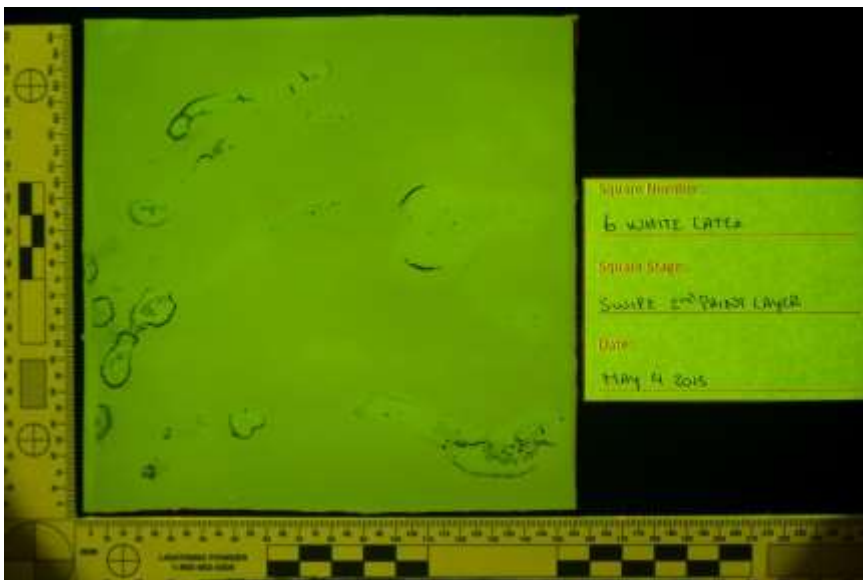
Yellow 415nm HDR



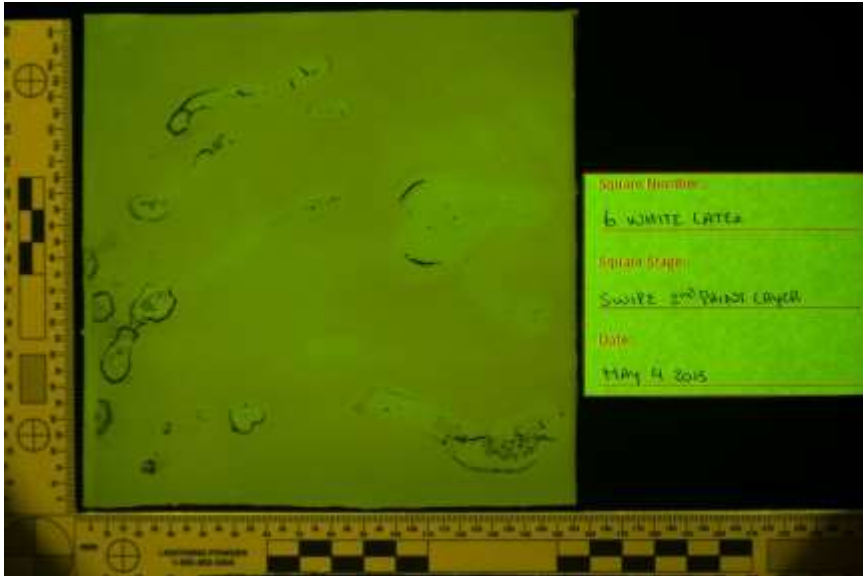
Yellow 415nm Single



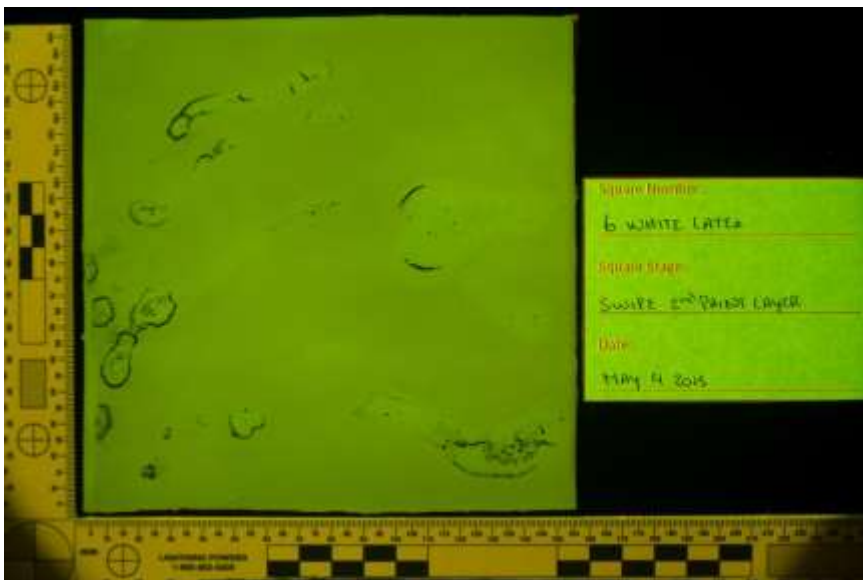
Yellow 445nm HDR



Yellow 445nm Single

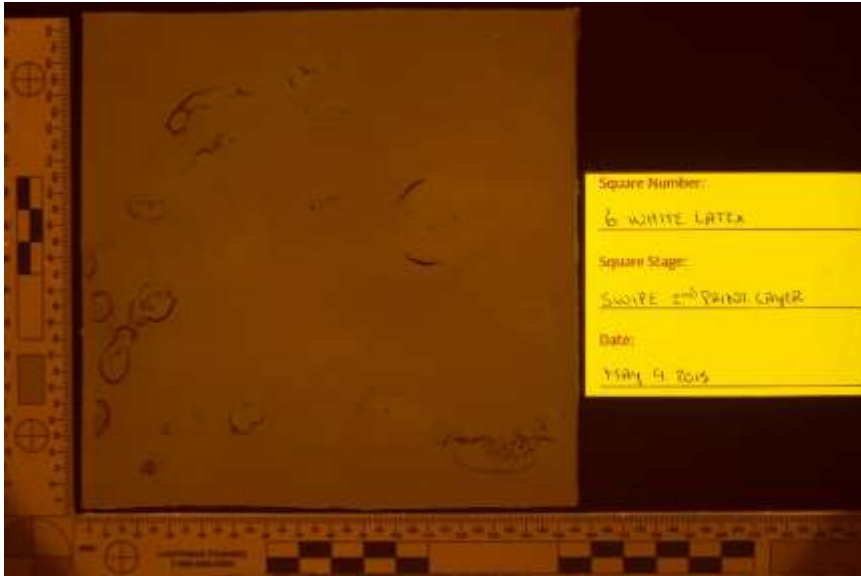


Yellow 455nm HDR

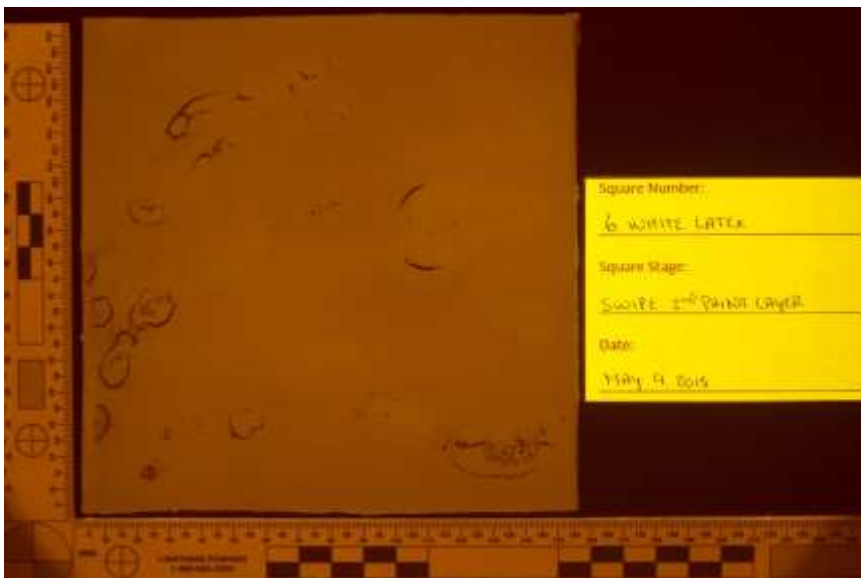


Yellow 455nm Single

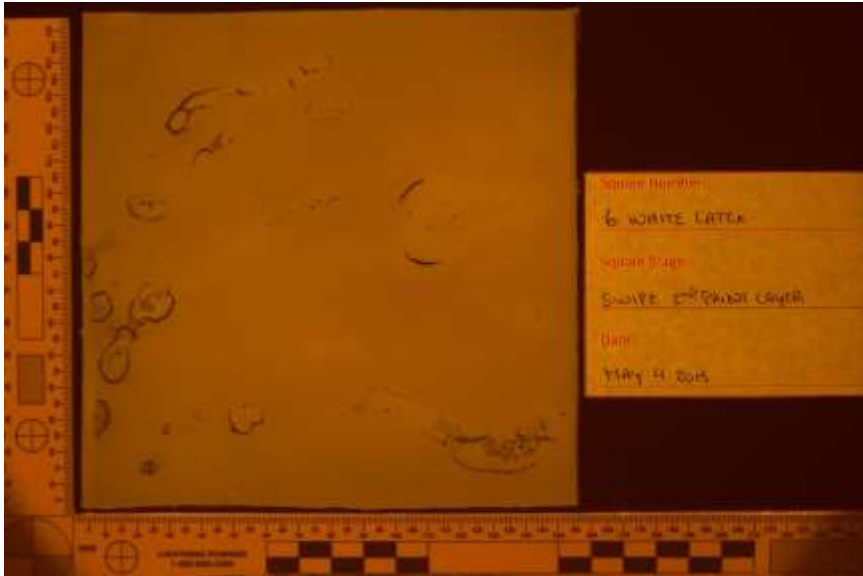




Orange 415nm HDR



Orange 415nm Single



Orange 445nm HDR



Orange 445nm Single



Orange 455nm HDR



Orange 455nm Single



Orange 475nm HDR



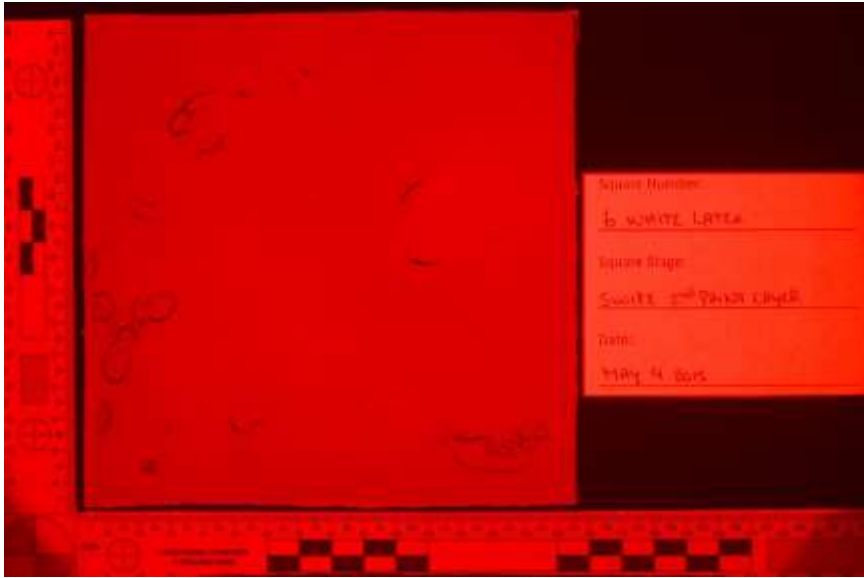
Orange 475nm Single



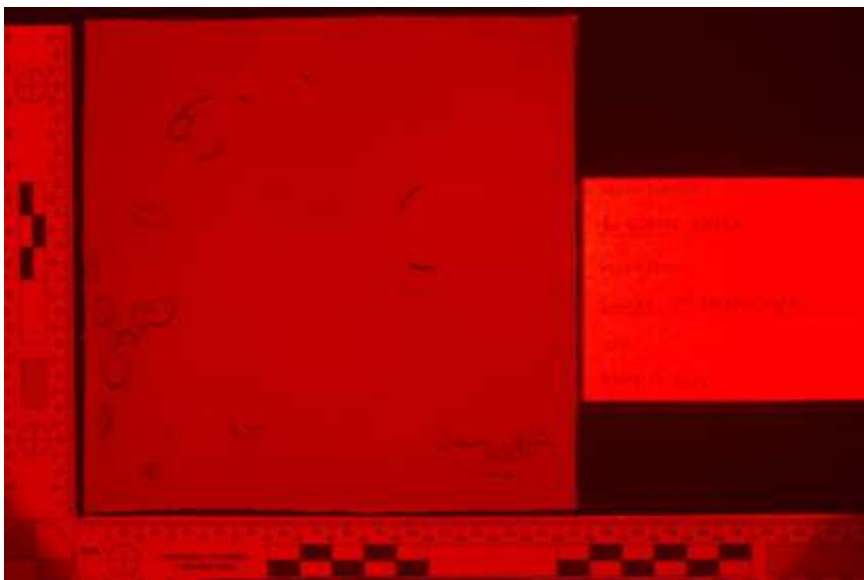
Orange 495nm HDR



Orange 495nm Single



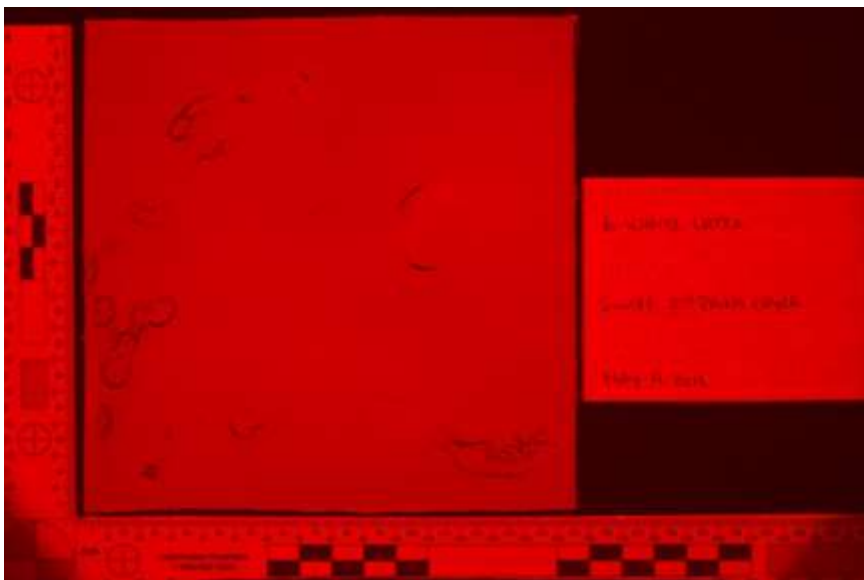
Red 415nm HDR



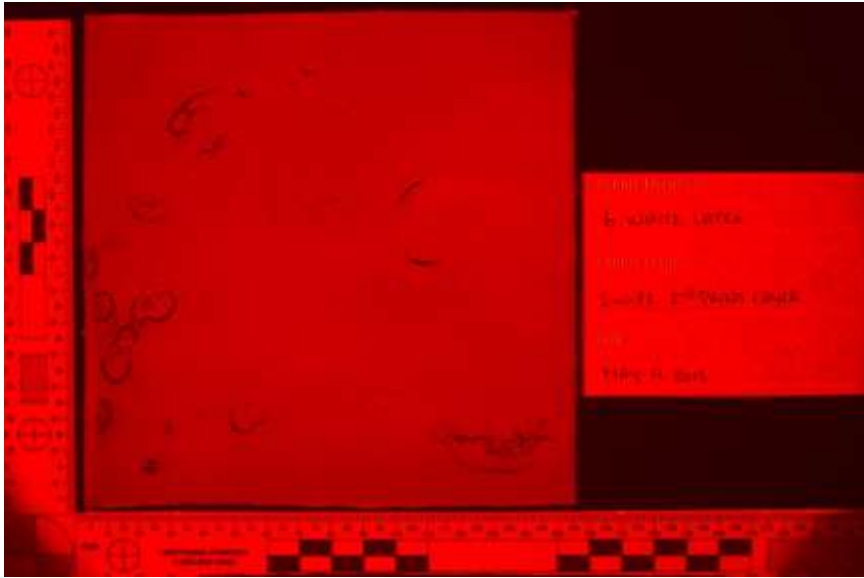
Red 415nm Single



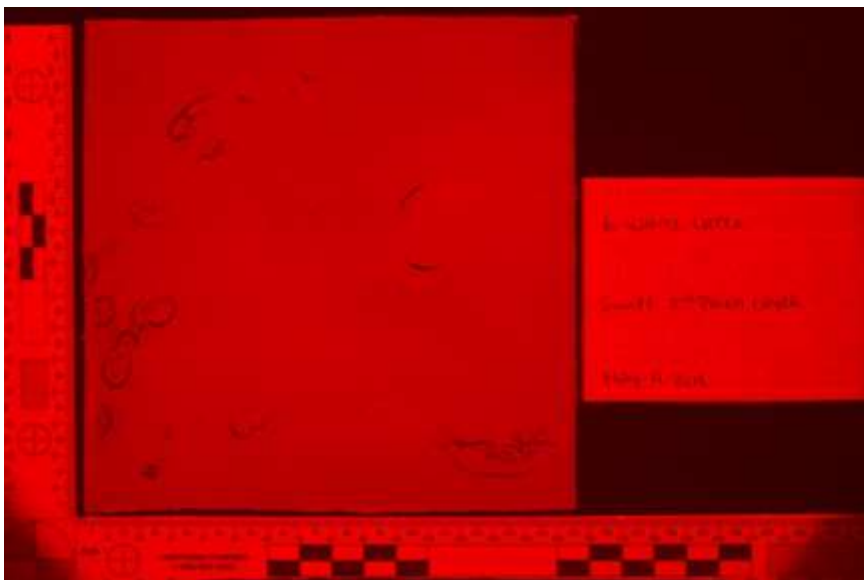
Red 445nm HDR



Red 445nm Single

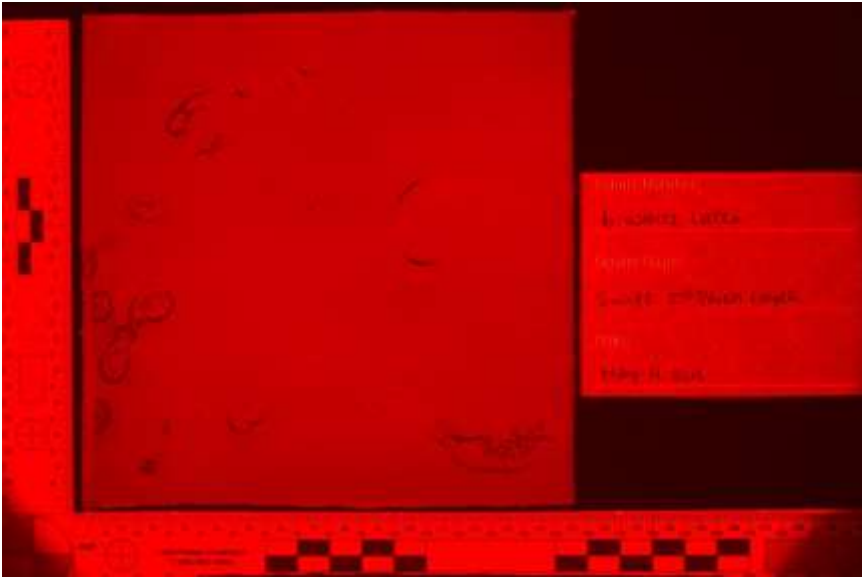


Red 455nm HDR

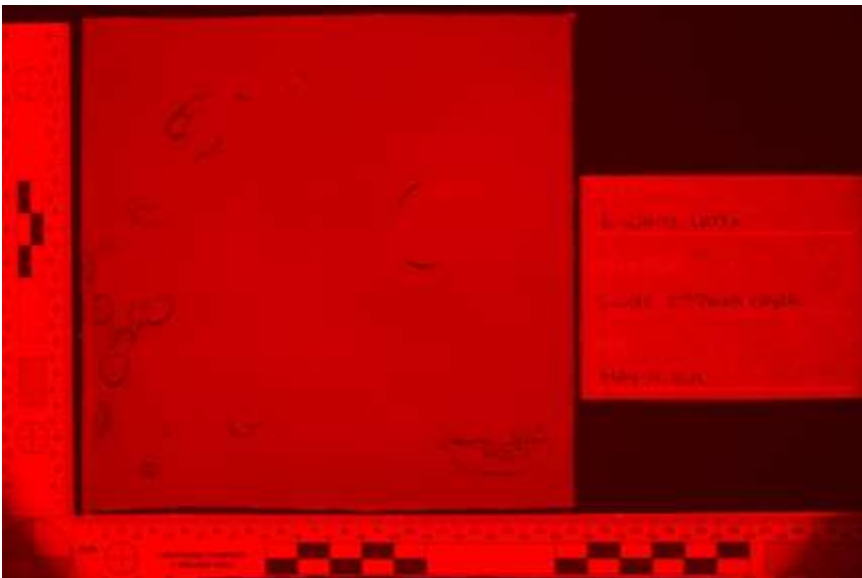


Red 455nm Single





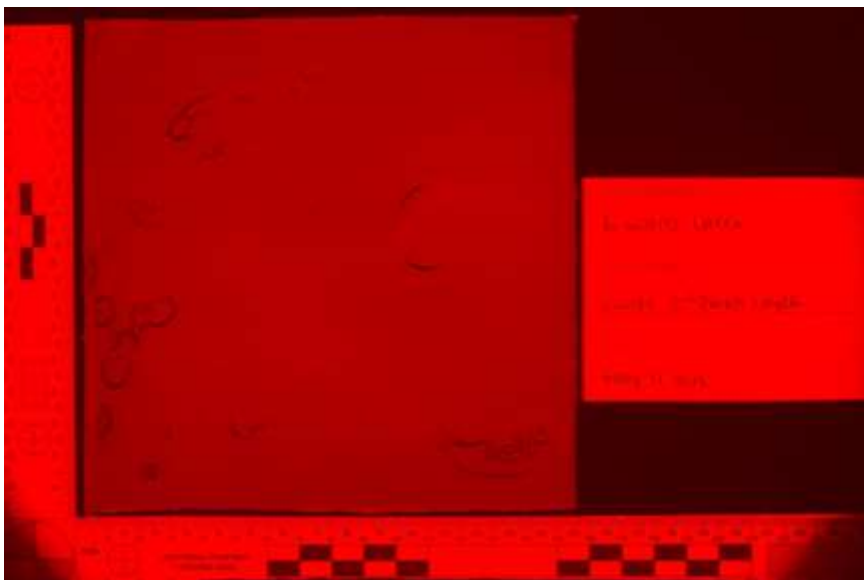
Red 475nm HDR



Red 475nm Single

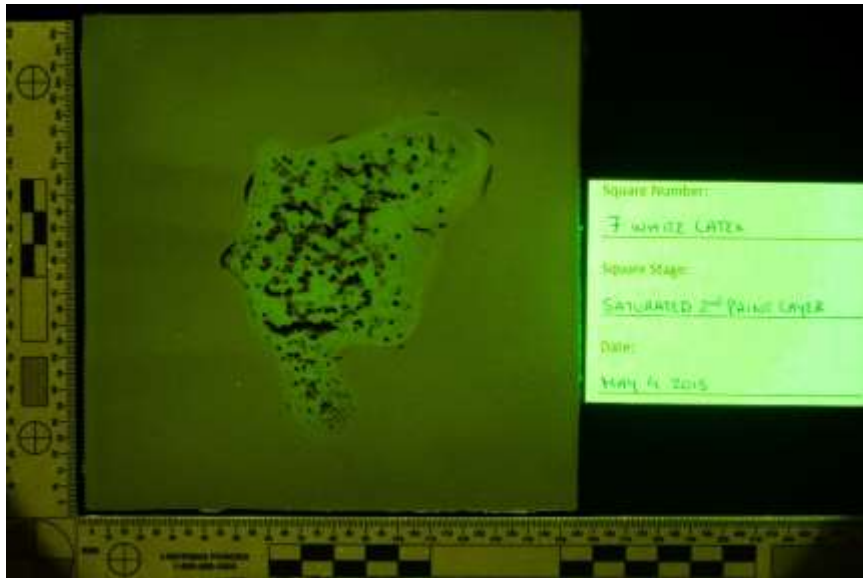


Red 575nm HDR



Red 575nm Single

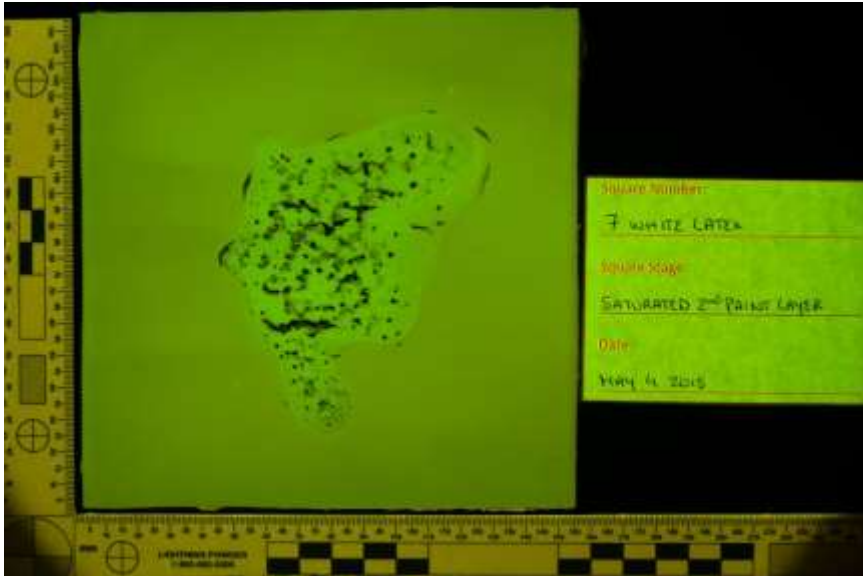
White Latex 7 – Saturated



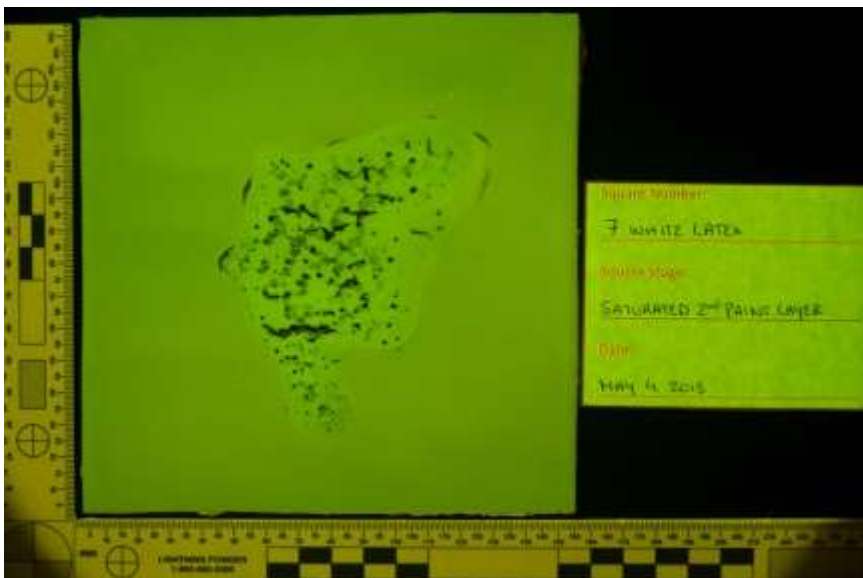
Yellow 415nm HDR



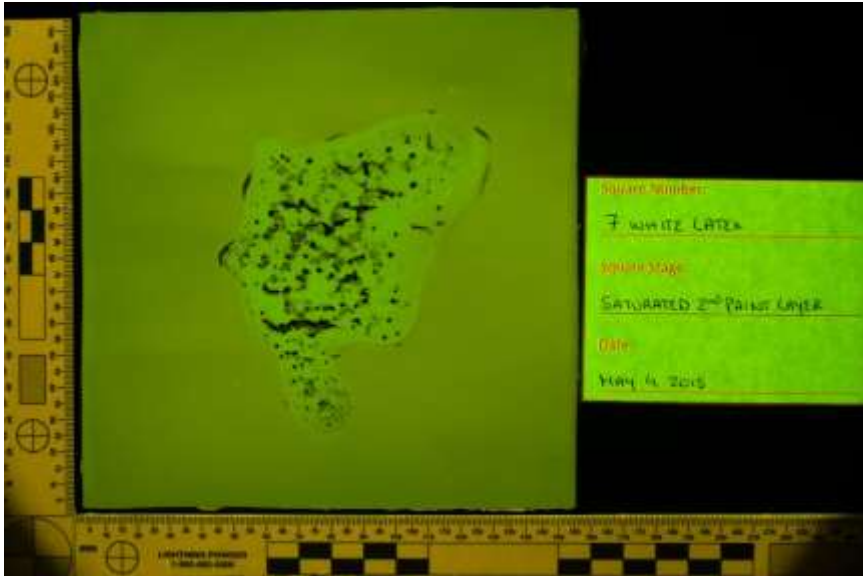
Yellow 415nm Single



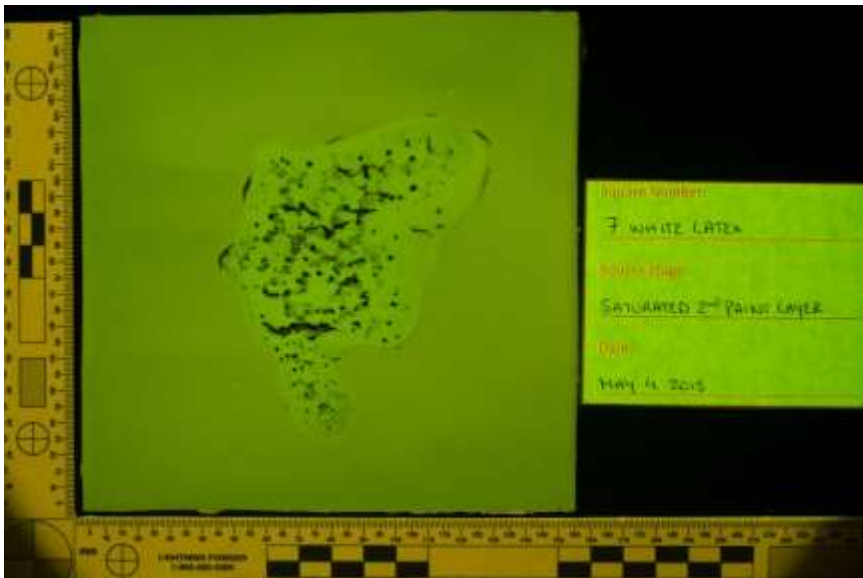
Yellow 445nm HDR



Yellow 445nm Single



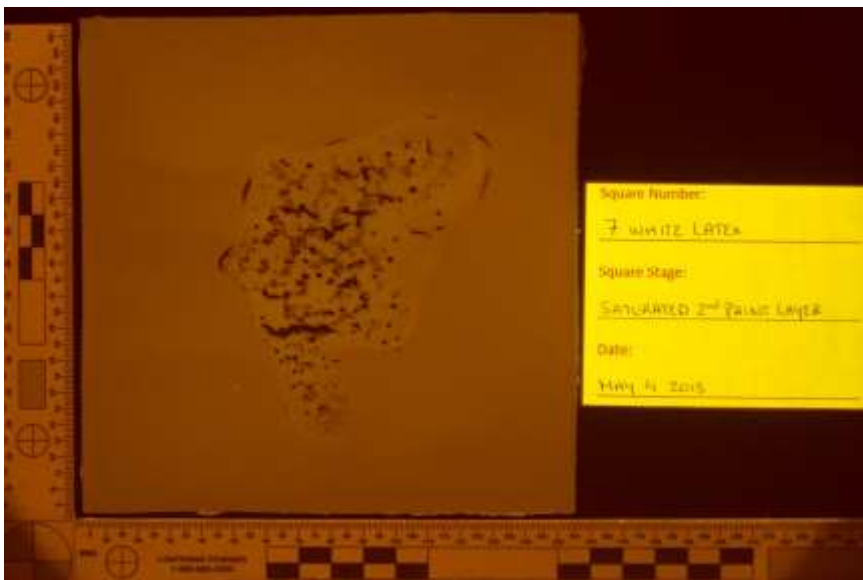
Yellow 455nm HDR



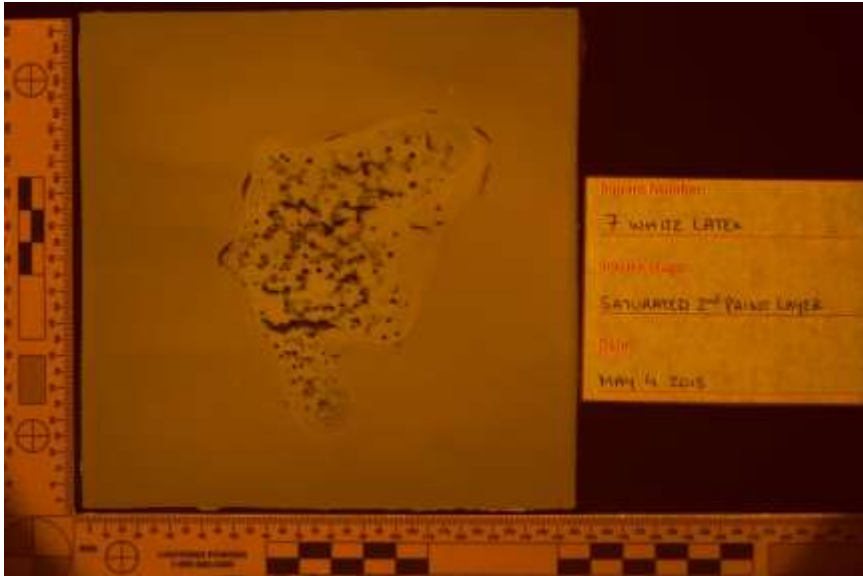
Yellow 455nm Single



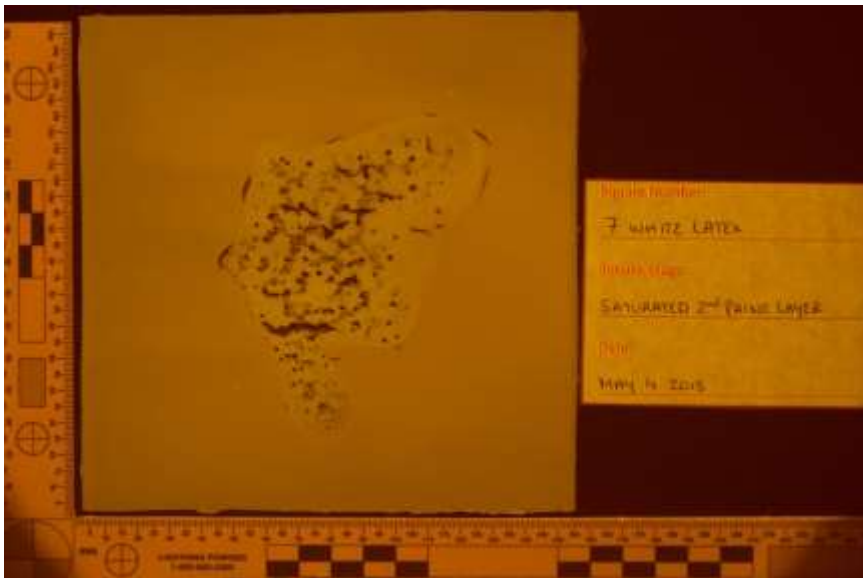
Orange 415nm HDR



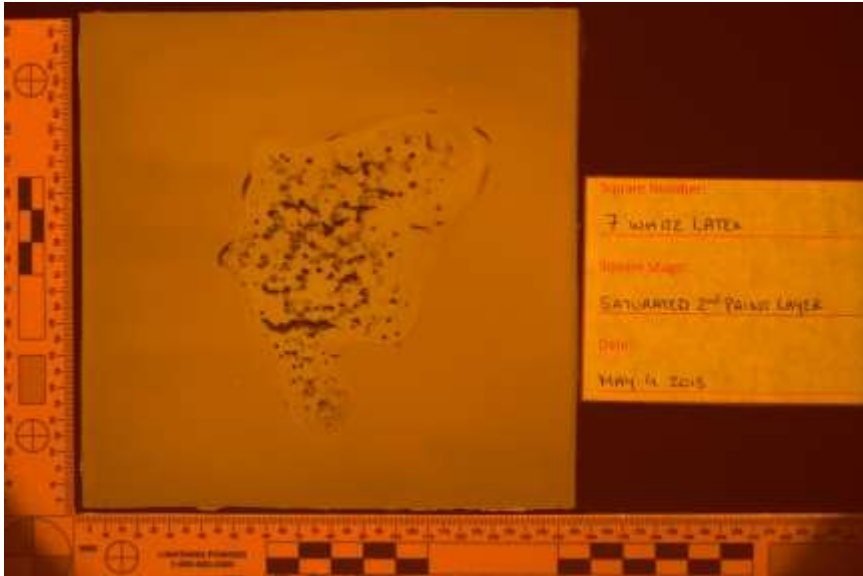
Orange 415nm Single



Orange 445nm HDR



Orange 445nm Single

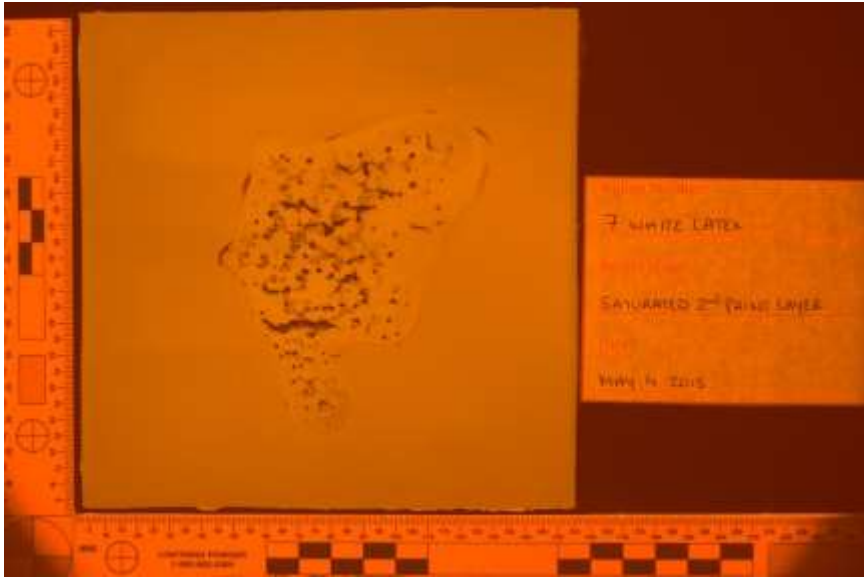


Orange 455nm HDR

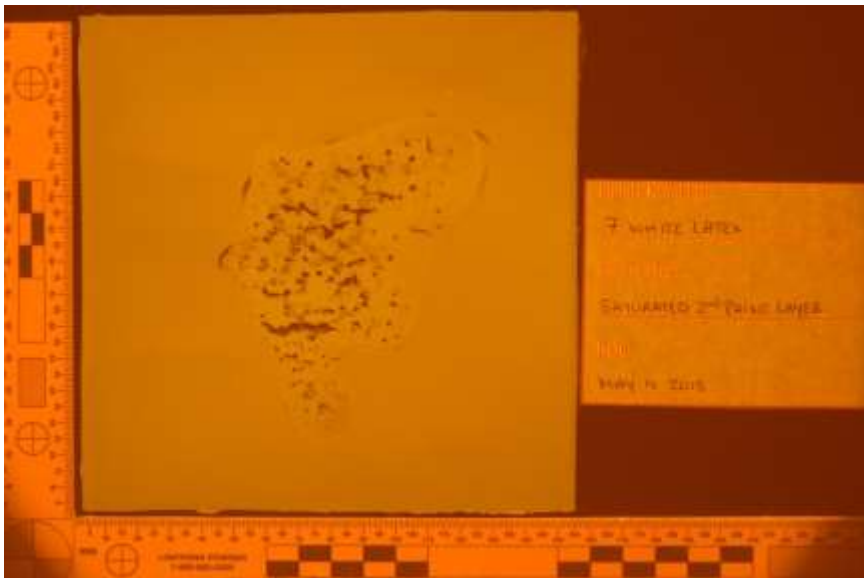


Orange 455nm Single

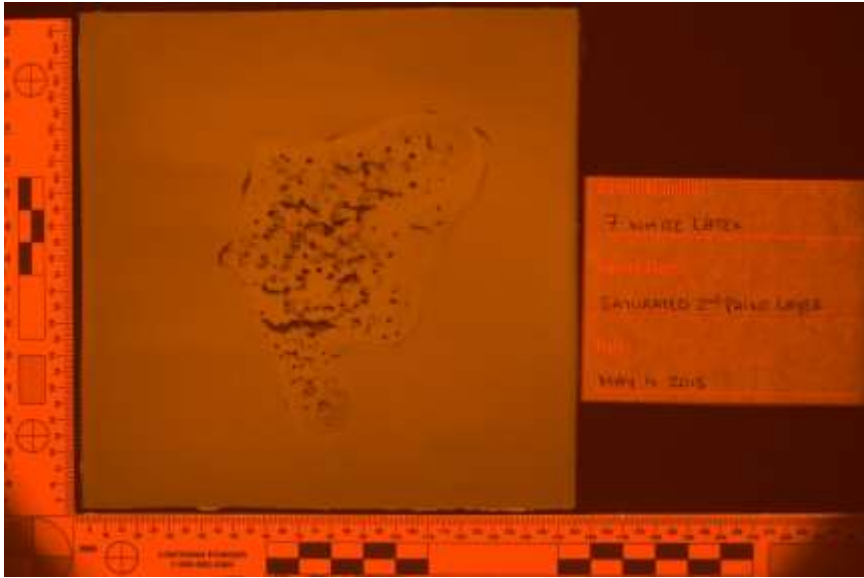




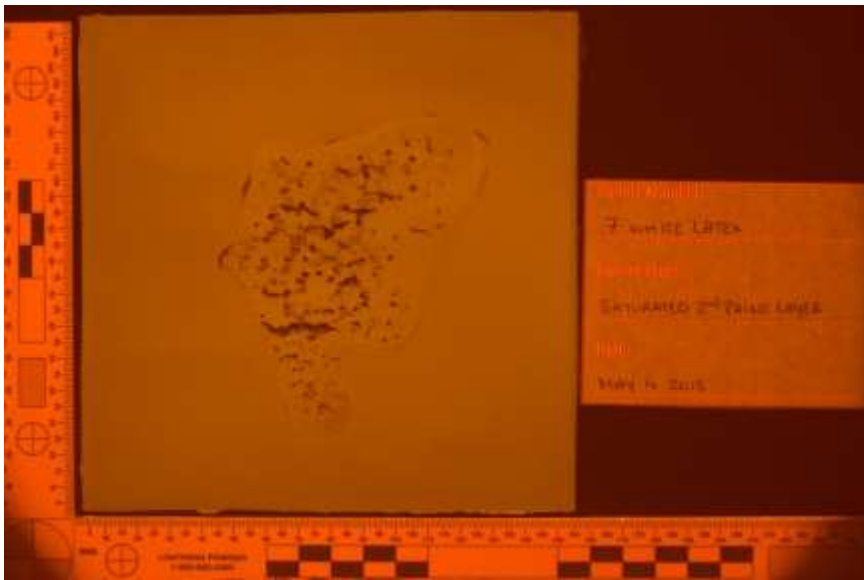
Orange 475nm HDR



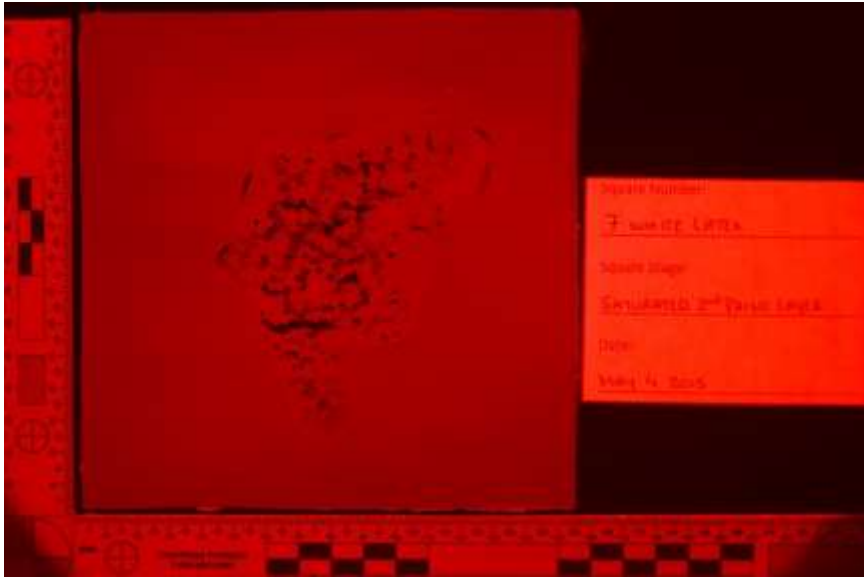
Orange 475nm Single



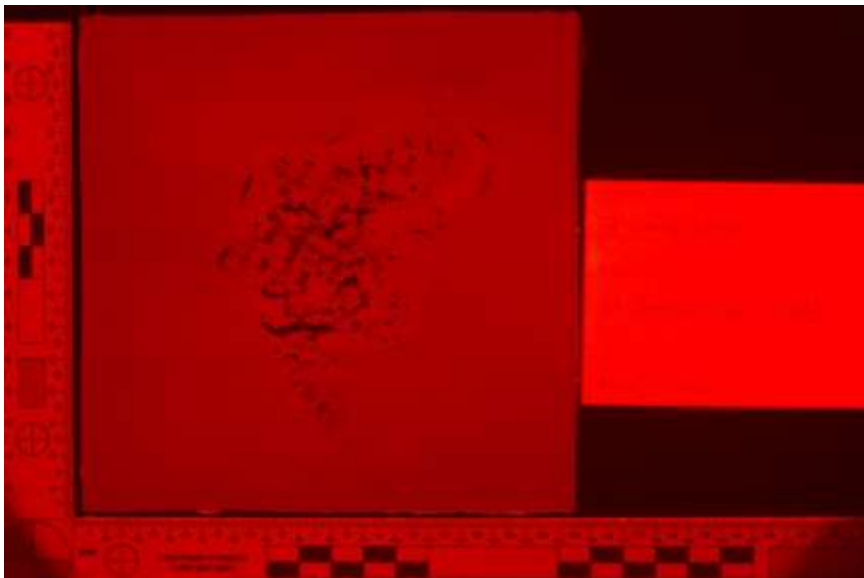
Orange 495nm HDR



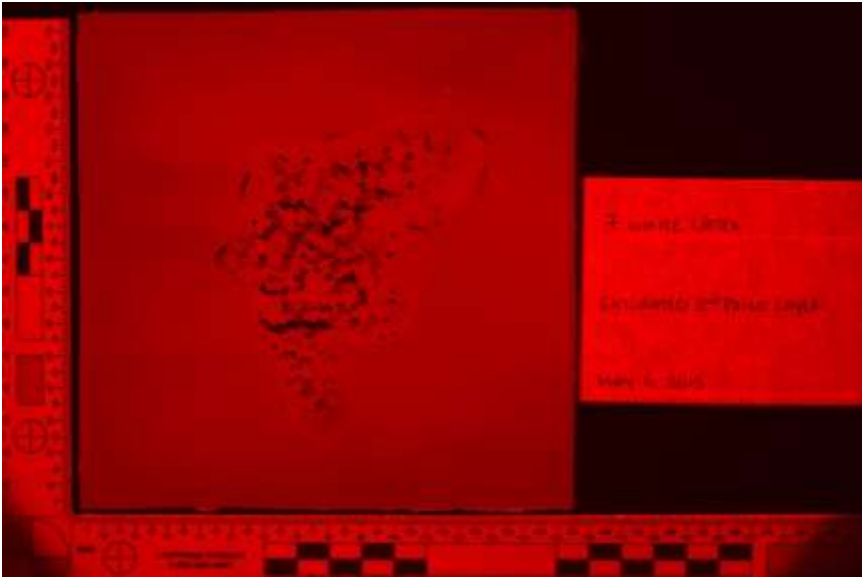
Orange 495nm Single



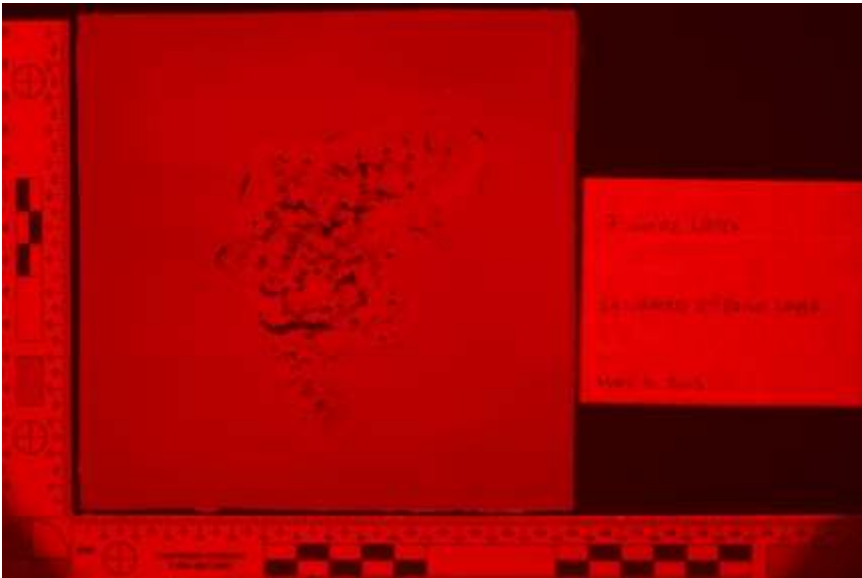
Red 415nm HDR



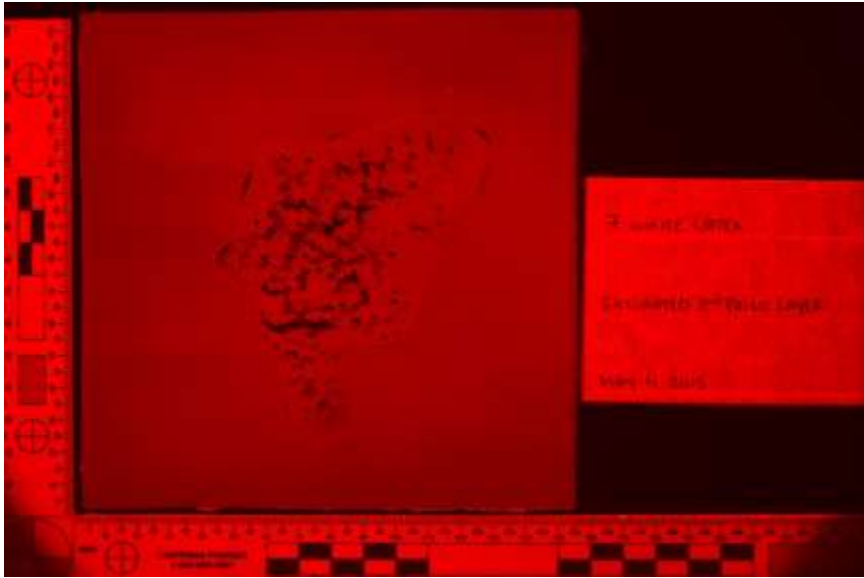
Red 415nm Single



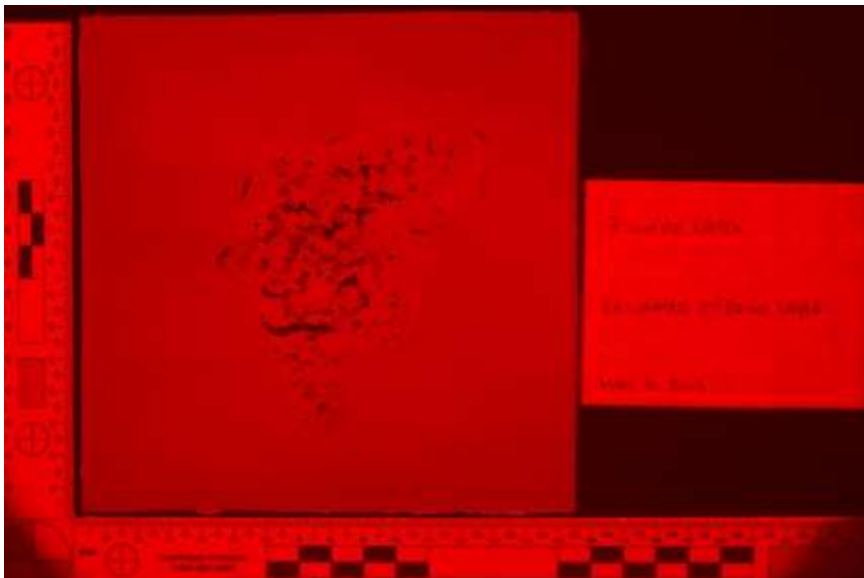
Red 445nm HDR



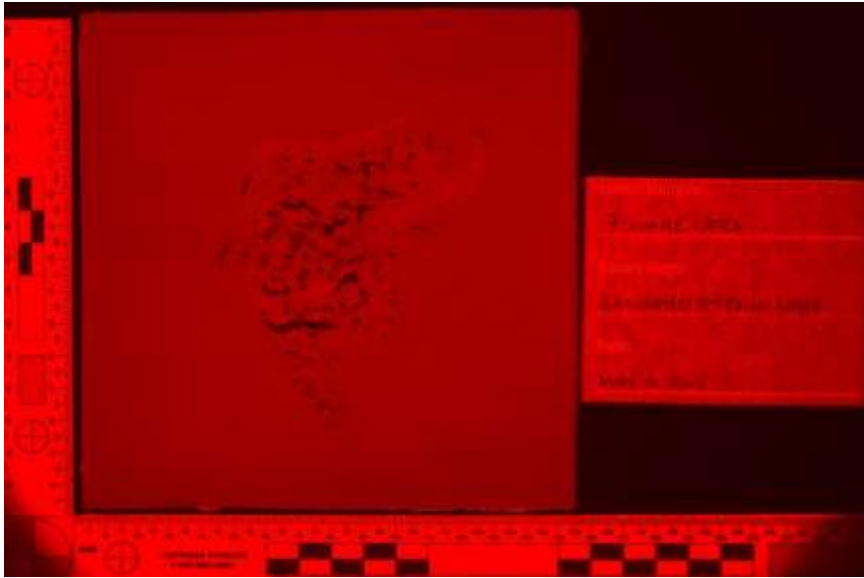
Red 445nm Single



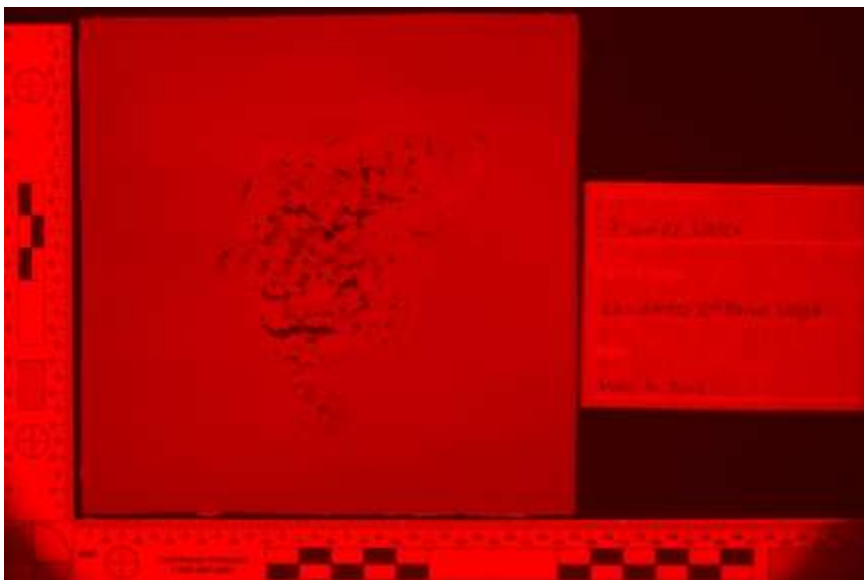
Red 455nm HDR



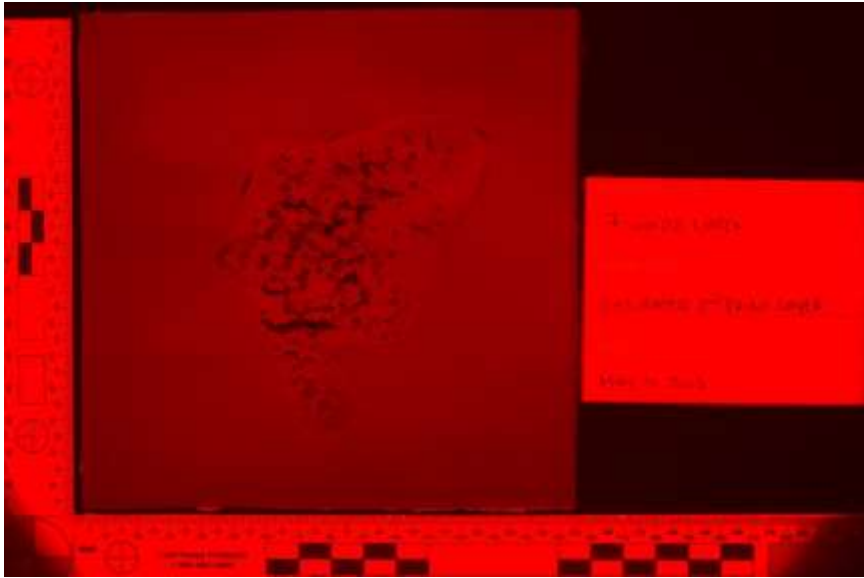
Red 455nm Single



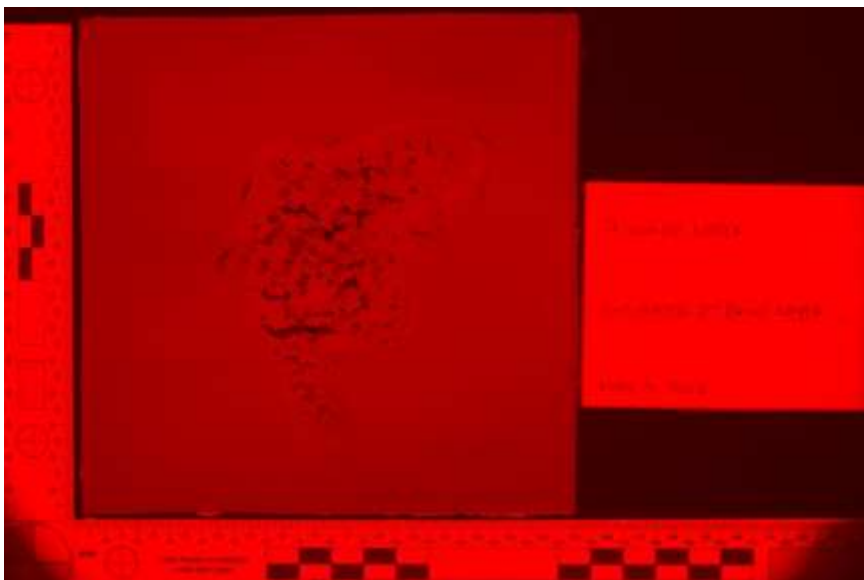
Red 475nm HDR



Red 475nm Single

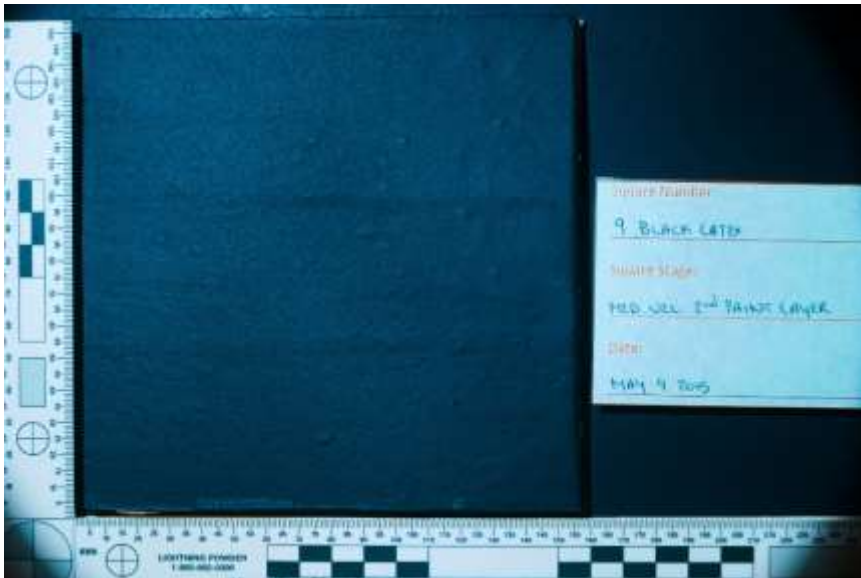


Red 575nm HDR

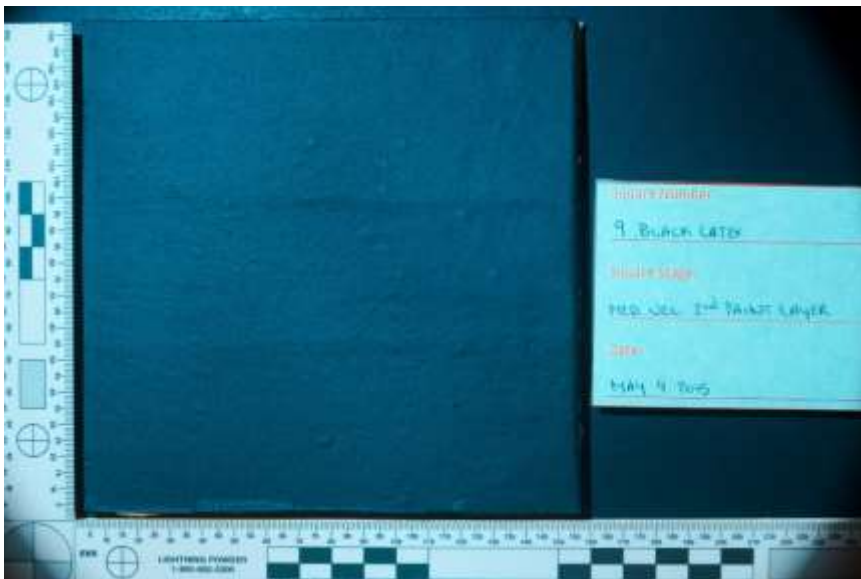


Red 575nm Single

Appendix 4.3.5.3. Black Latex – Yellow 475nm Second layer of paint stage  
Black Latex 9 – Medium Velocity



Yellow 475nm HDR



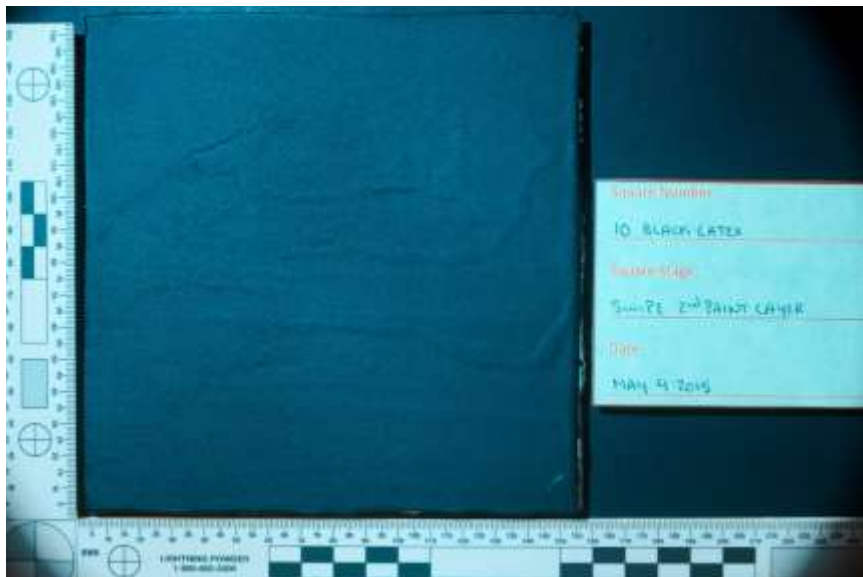
Yellow 475nm Single



Black Latex 10 – Swipe

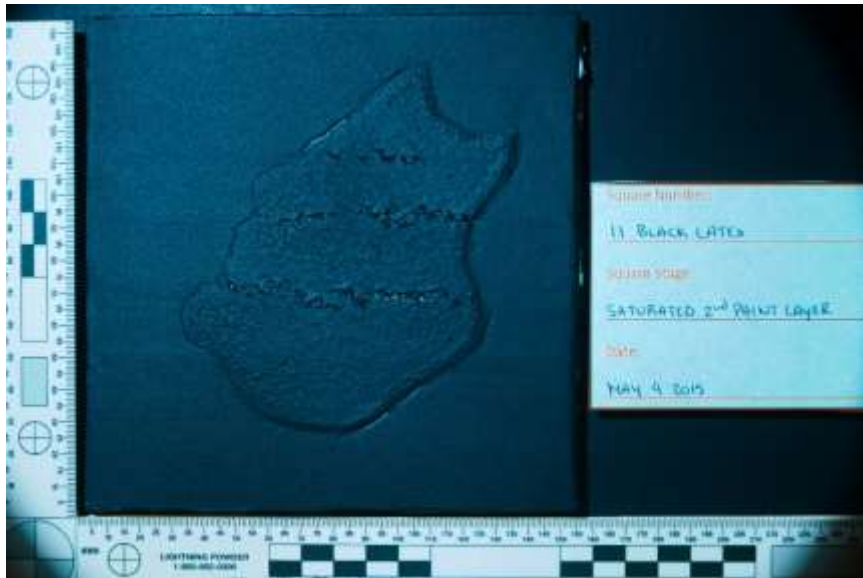


Yellow 475nm HDR

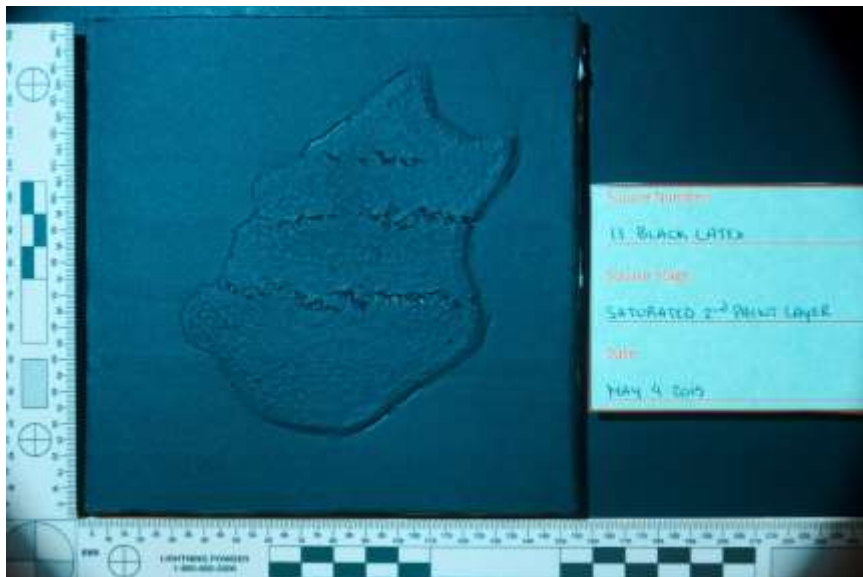


Yellow 475nm Single

Black Latex 11 – Saturated

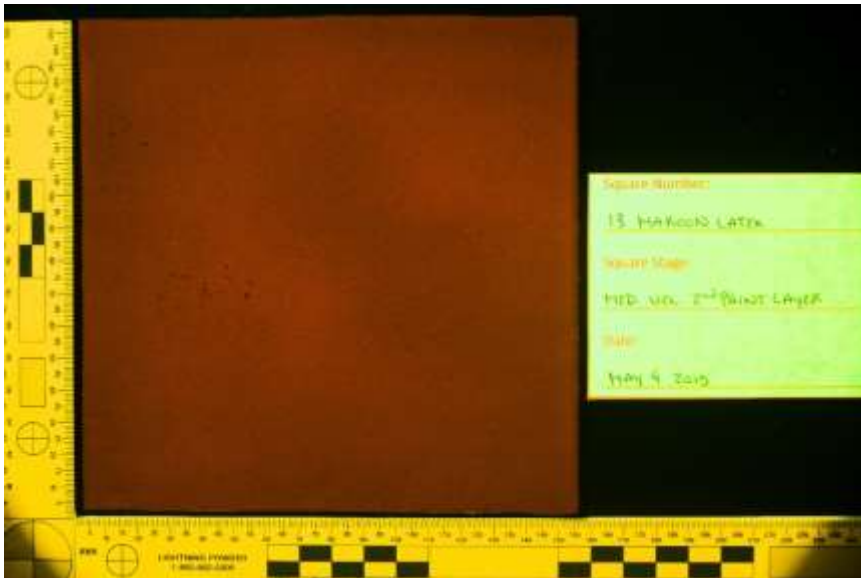


Yellow 475nm HDR

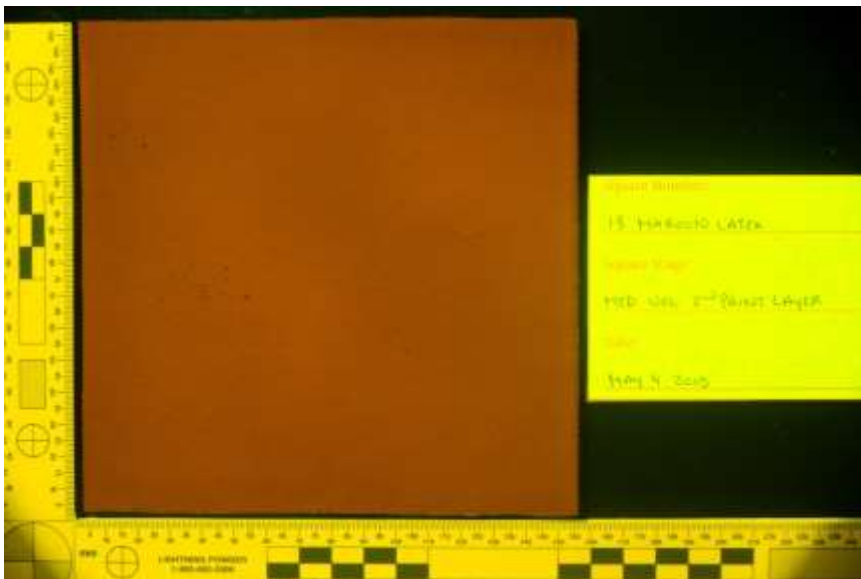


Yellow 475nm Single

Appendix 4.3.5.4. Maroon Latex – Yellow 455nm Second layer of paint stage  
Maroon Latex 13 – Medium Velocity



Yellow 455nm HDR

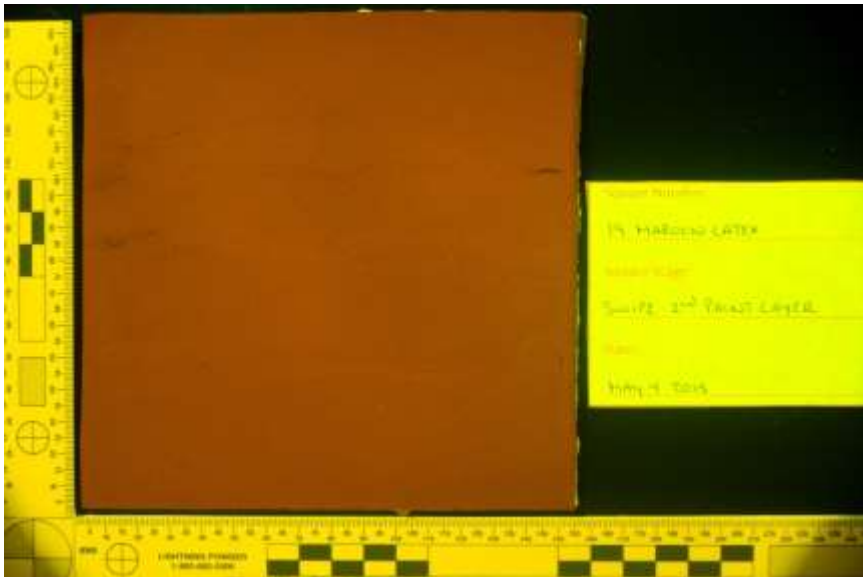


Yellow 455nm Single

Maroon Latex 14 – Swipe

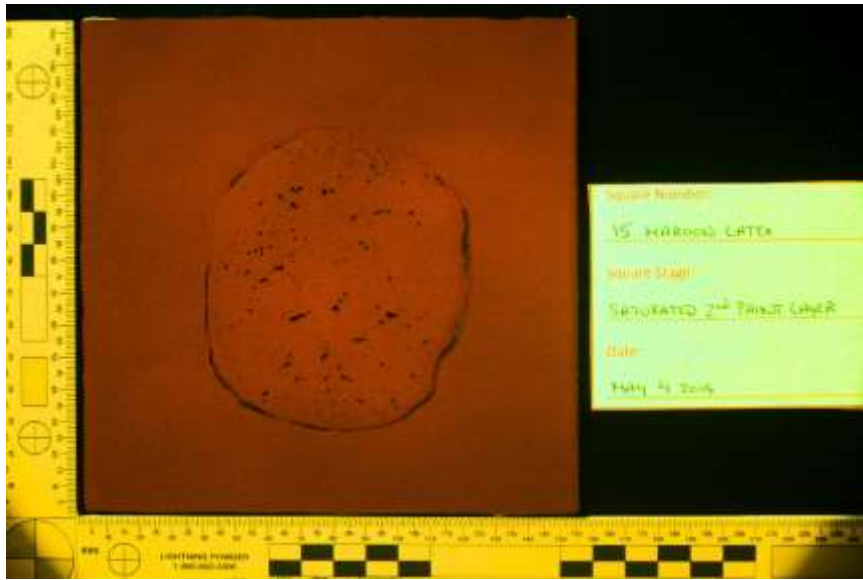


Yellow 455nm HDR



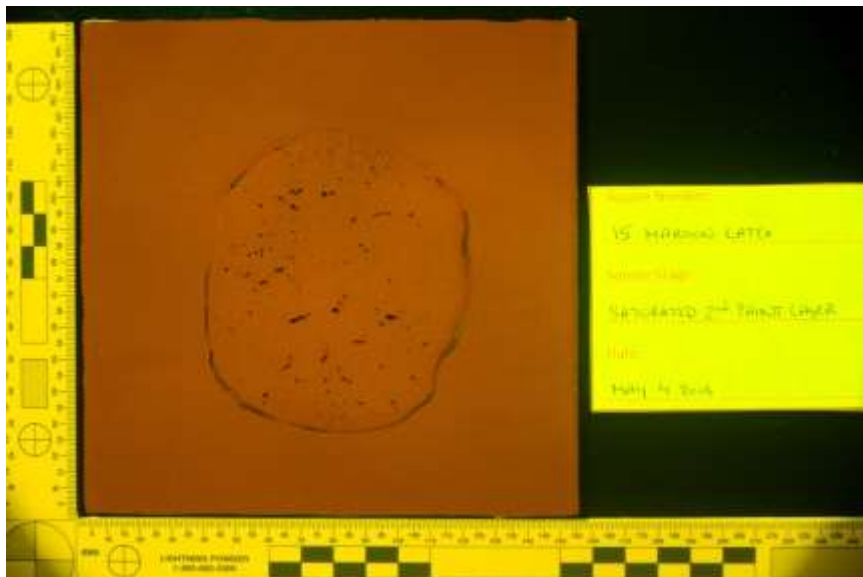
Yellow 455nm Single

Maroon Latex 15 – Saturated



Sample Number:  
15 - MAROON LATEX  
Sample Stage:  
SATURATED 2<sup>nd</sup> TRIM LINE  
Date:  
MAY 14 2016

Yellow 455nm HDR



Sample Number:  
15 - MAROON LATEX  
Sample Stage:  
SATURATED 2<sup>nd</sup> TRIM LINE  
Date:  
MAY 14 2016

Yellow 455nm Single

## Luminol Testing Stage

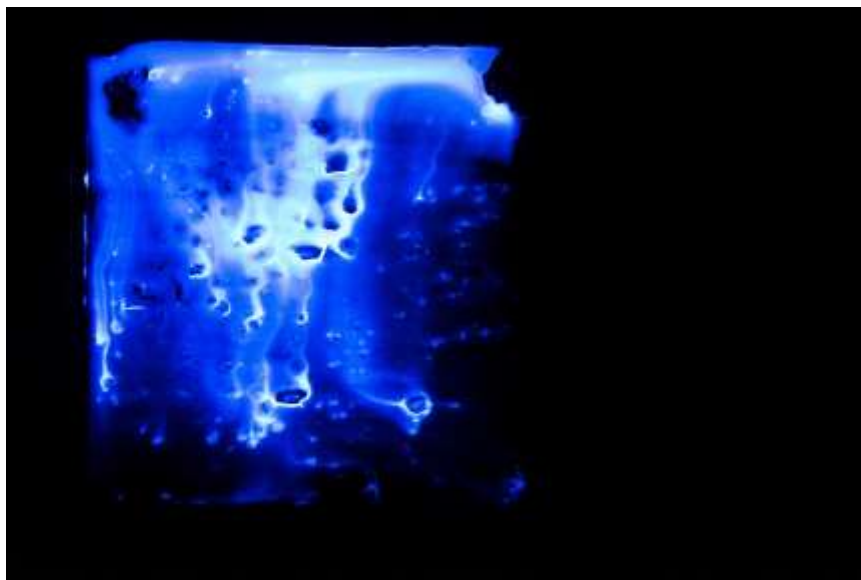
Appendix 4.4.1. Standard Photography

Appendix 4.4.1.1. White Acrylic Second layer of paint stage

White Acrylic 1 – Medium Velocity

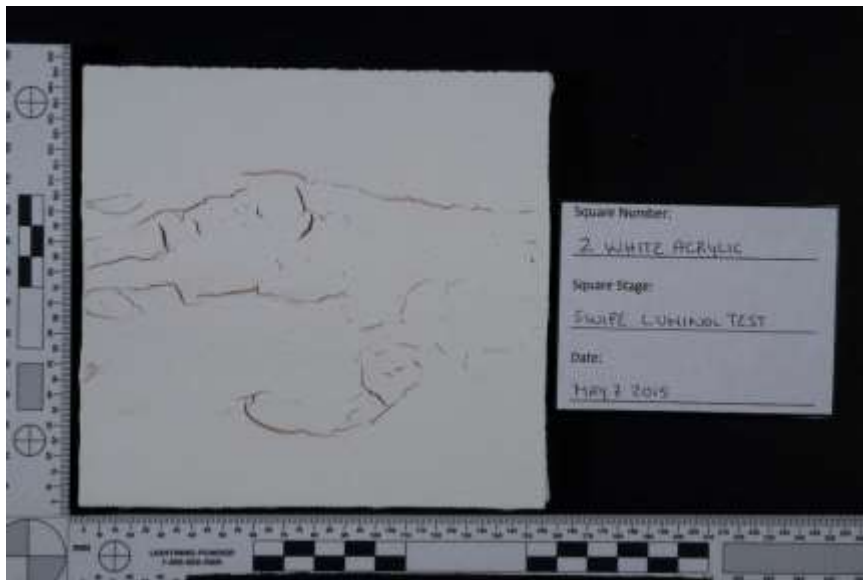


Standard



Luminol

White Acrylic 2 – Swipe



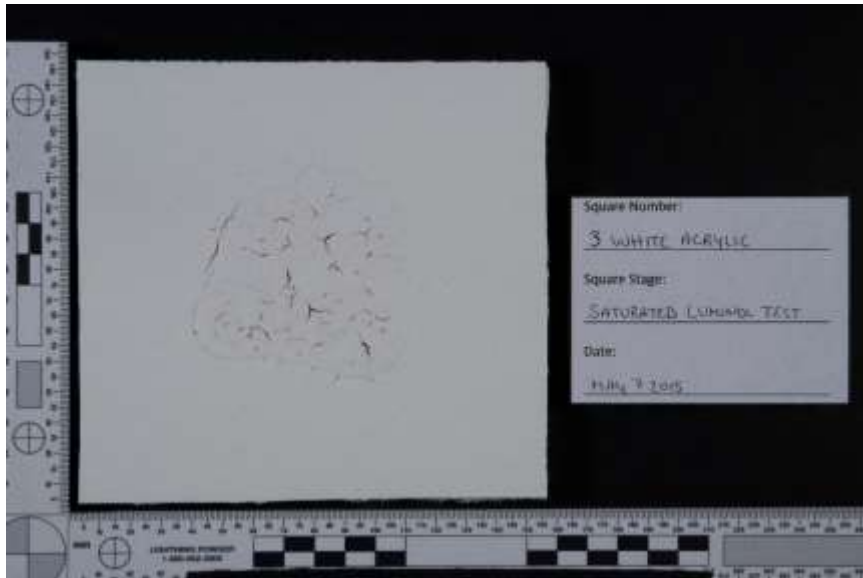
Standard



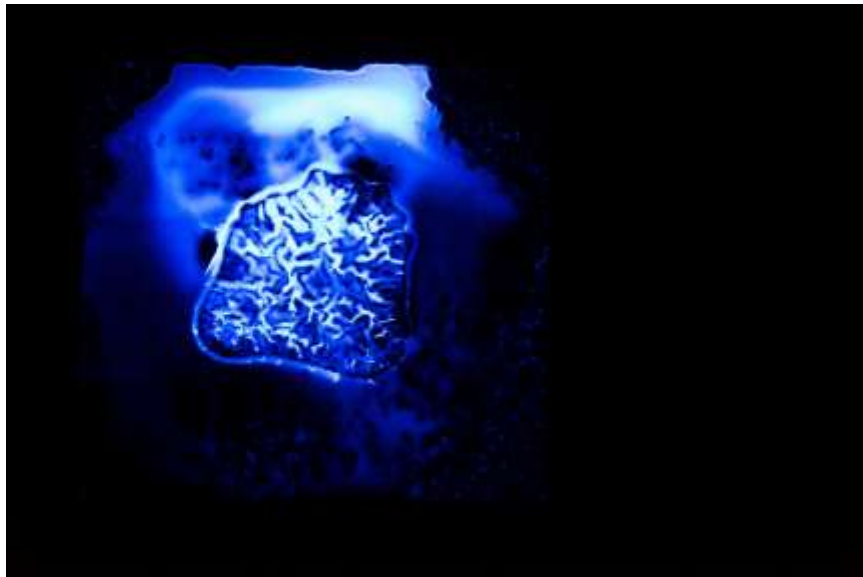
Luminol



White Acrylic 3 – Saturated



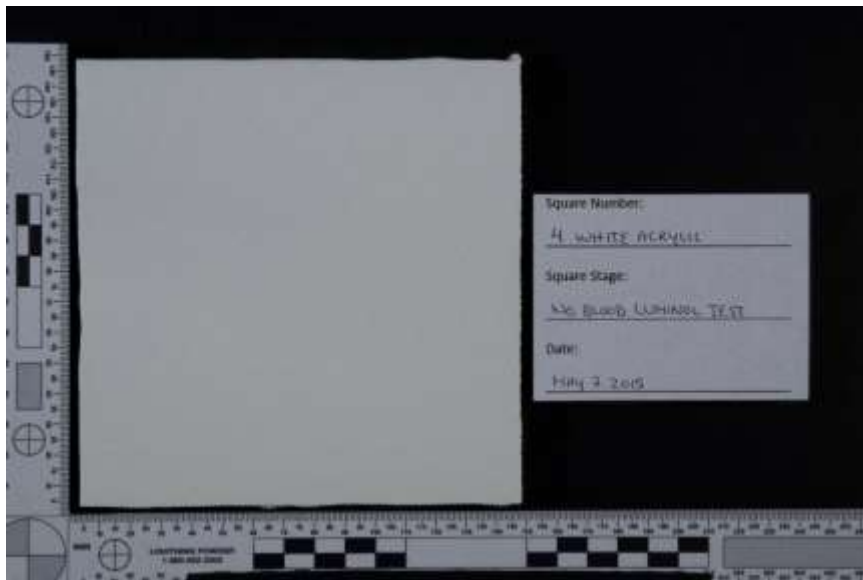
Standard



Luminol



White Acrylic 4 – Control No Bloodstain

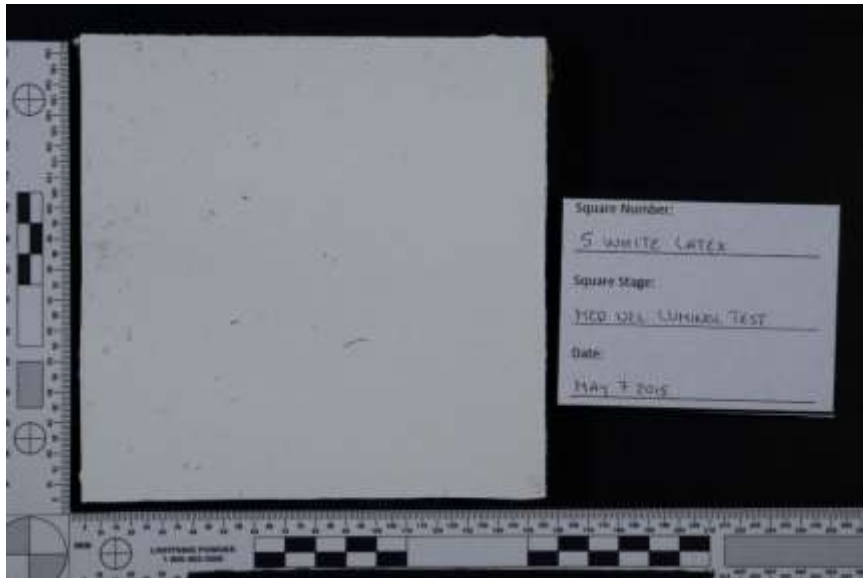


Standard

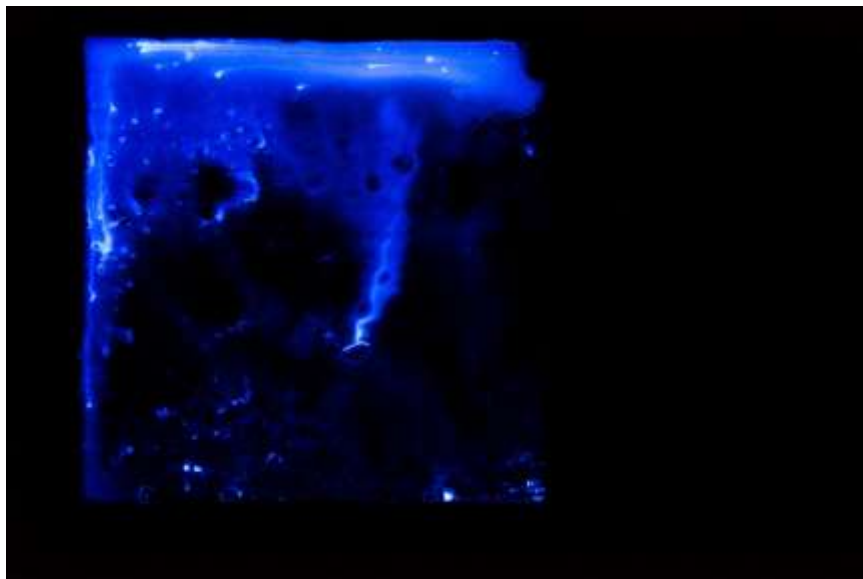


Luminol

Appendix 4.4.1.2. White Latex Second layer of paint stage  
White Latex 5 – Medium Velocity

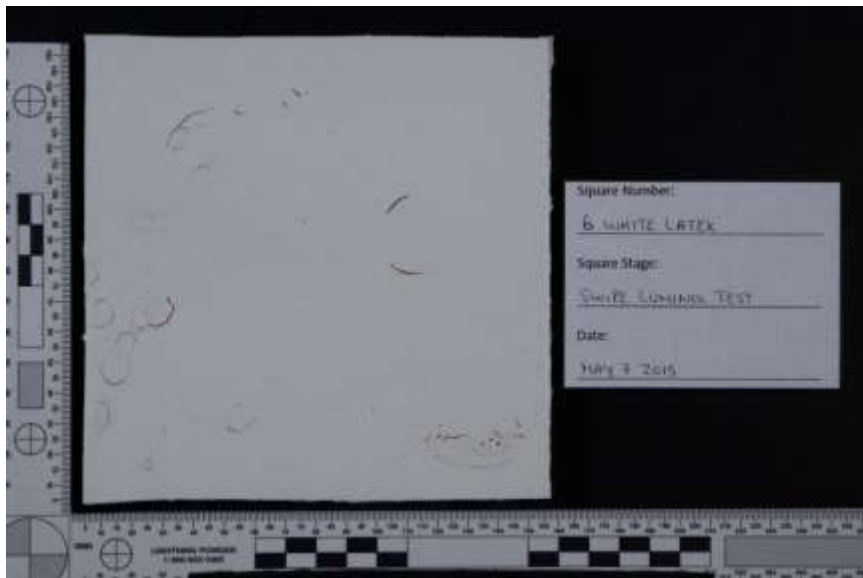


Standard

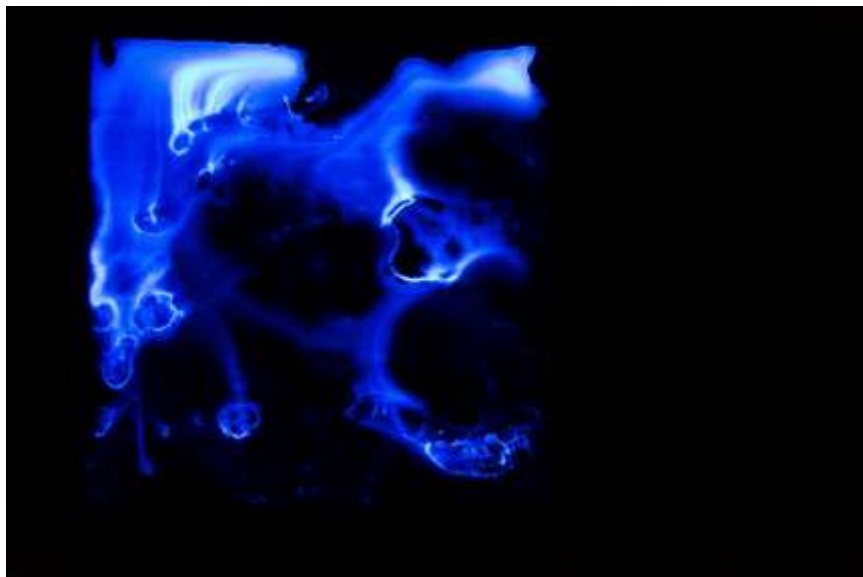


Luminol

White Latex 6 – Swipe



Standard



Luminol

White Latex 7 – Saturated

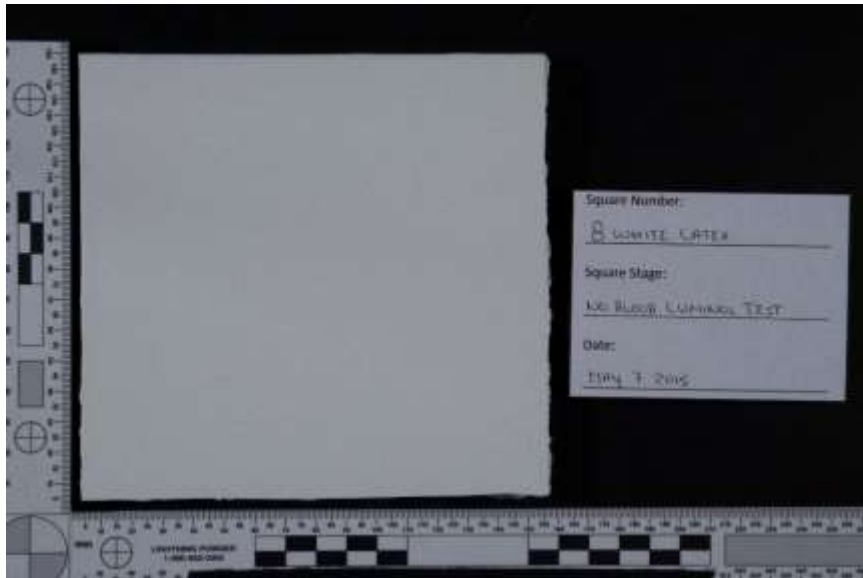


Standard



Luminol

White Latex 8 – Control No Bloodstain



Standard



Luminol

Appendix 4.4.1.3. Black Latex Second layer of paint stage  
Black Latex 9 – Medium Velocity



Standard



Luminol

Black Latex 10 – Swipe



Standard



Luminol

Black Latex 11 – Saturated



Standard



Luminol



Black Latex 12 – Control No Bloodstain



Standard



Luminol

Appendix 4.4.1.4. Maroon Latex Second layer of paint stage  
Maroon Latex 13 – Medium Velocity



Standard



Luminol

Maroon Latex 14 – Swipe



Standard

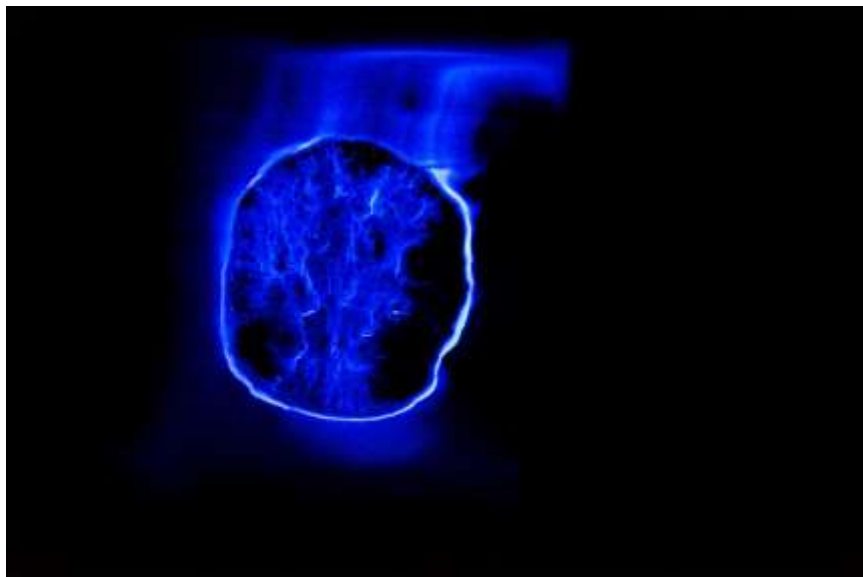


Luminol

Maroon Latex 15 – Saturated



Standard



Luminol

Maroon Latex 16 – Control No Bloodstain



Standard



Luminol