Project No.: EA16335

wood.

Attn: Rishi Adhikari, P.Eng.

To: Alberta Transportation
Technical Standards Branch
2nd Floor, Twin Atria Building
4999 - 98 Ave

Edmonton, AB T6B 2X3

Distribution Addressee: Wood Environment & Infrastructure Solutions

5671 - 70 Street

Edmonton, AB

Canada T6B 3P6

Tel +1 (780) 436-2152

Fax +1 (780) 377-3599

| Fo | rmulation: | S | Supplier: | ENNIS | | | | | |
|-------------------------|-----------------|---------------------|-----------|-----------------------------|--------------------|-----------------|-----------------|-------|--|
| White | White WB 985221 | | Tests R | equired | | | | | |
| Lab Sample Number | Batch Number | Relative Density | Viscosity | Non- Volatile Content | Pigment Content | Dry to Touch | Date Sampled | | Applicator and Location |
| | 2021 | (25/25°C) | (Krebs) | (%) | (%) | (Minutes) | 2021 | 2021 | |
| B100 | CPP2106W0624 | 1.630 | 80.3 | 77.5 | 61.2 | Jan-4 | Aug-26 | Sep-1 | Volker Stevin Hwy 3 : 10 CMA24 Ken Jansen Phone: 403-223-7986 |
| | | | Toleranc | e Limits | 96 | | | | |
| 2020 | 985221 | | | | | | | | All the second s |
| Tole | erance Limits | | | | | | | | |
| U | pper Limit | | | | | 1 | | | |
| L | ower Limit | | | | | 1 | | | |

Note: White Paint Formulation is not on Alberta Transportations approved list.

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

7-Sep-21

Reviewed By:

Reporting of these results constitutes a testing service only.

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|-------------------------|-----------------|---------------------|-----------|-----------------------------|--------------------|-----------------|-----------------|------------------|---|
| Wh | White WB 985221 | | Tests R | equired | | | | | |
| Lab Sample Number | Batch Number | Relative Density | Viscosity | Non- Volatile Content | Pigment Content | Dry to Touch | Date Sampled | Date Received | Applicator and Location |
| | 2021 | (25/25°C) | (Krebs) | (%) | (%) | (Minutes) | 2021 | 2021 | |
| B105 | CPP2106W0614 | 1.689 | 81.3 | 77.9 | 61.4 | 4.1 | Aug-13 | Sep-10 | LaFrentz Hwy 49:10 & Hwy 2:58 Sampler Jesse Kasouf 780-618-1685 |
| B107 | CPP2106W0614 | 1.627 | 80.6 | 79.3 | 61.6 | 4.1 | Aug-12 | | LaFrentz Hwy 2A : 36 Sampler Erwin Kurz |
| | | | Toleranc | e Limits | | W. W. | | | |
| | 985221 | | | | | | | | |
| То | erance Limits | | | | | | | | |
| | Jpper Limit | | | | | | | | |
| | _ower Limit | | | | | | | | |

Note: White Paint Formulation is not on Alberta Transportations approved list.

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Test not Required by AT

PER:

22-Sep-21

DATE

Reviewed By:

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Project No.: EA16335

wood.

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To: Alberta Transportation Technical Standards Branch 2nd Floor, Twin Atria Building

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Fax +1 (780) 377-3599

| Fo | Formulation: White WB 985221 | | upplier: | ENNIS | | | | | |
|-------------------------|---------------------------------|---------------------|-----------|-----------------------------|--------------------|-----------------|-----------------|------------------|--|
| Whit | | | Tests R | equired | | | | | |
| Lab Sample Number | Batch Number | Relative Density | Viscosity | Non- Volatile Content | Pigment Content | Dry to Touch | Date Sampled | Date Received | Applicator and Location |
| | 2021 | (25/25°C) | (Krebs) | (%) | (%) | (Minutes) | 2021 | 2021 | |
| B118 | CPP2107W0626 | 1.650 | 81.7 | 78 | 61.4 | 4.3 | Sep-16 | Sep-17 | Volker Stevin Medicine Hat, AB Sampler Dave Yaremko 403-529-3641 |
| | | | Toleranc | e Limits | | | | all (est | |
| | 985221 | | | | | | | | |
| Tole | erance Limits | | | | | | | | |
| U | Ipper Limit | | | | |] | | | |
| L | ower Limit | | | | | | | | |

Note: White Paint Formulation is not on Alberta Transportations approved list.

* Indicates result outside tolerance limits.

Test not Required by AT

28-Sep-21

DATE

Reviewed By:

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PER:

Project No.: EA16335

wood.

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| Fo | rmulation: | S | upplier: | ENNIS | | | | | |
|-------------------------|-------------------------|---------------------|-----------------|-----------------------------|--------------------|-----------------|-----------------|-----------|--|
| Whit | White WB 985221 | | Tests R | equired | | | | | |
| Lab Sample Number | Batch Number 2021 | Relative Density | Viscosity | Non- Volatile Content | Pigment Content | Dry to Touch | Date Sampled | | Applicator and Location |
| B126 | CPP2106W0595 | (25/25°C) 1.610 | (Krebs) 82.3 | (%) 79.6 | (%) | (Minutes) | 2021 | 2021 | LaFranke Lhar 670 - 04 |
| | | | | 79.6 | 61.7 | 4.1 | Sep-18 | Sep-28 | LaFrentz Hwy 679 : 04 |
| B133 | CPP2108W0812 | 1.660 | 83.2 | 78.2 | 60.6 | 4.1 | Sep-9 | Oct-1 | LaFrentz Hwy 16: 04 Test Section A Contract Number 0019698 |
| | | Baur II | Toleranc | e Limits | | | | Cody Cody | |
| | 985221 | | | | | | | | |
| Tole | erance Limits | | | | | | | | |
| U | pper Limit | | | | | | | | |
| Le | ower Limit | | | | | | | | |

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Test not Required by AT

PER:

20-Oct-21

DATE

Reviewed By:

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Engineering Interpretation or evaluation of the test results is provided only on written request.

Project No.: EA16335



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Edmonton, AB T6B 2X3

Distribution Addressee: Wood Environment & Infrastructure Solutions

5671 - 70 Street Edmonton, AB Canada T6B 3P6 Tel +1 (780) 436-2152 Fax +1 (780) 377-3599

| Fo | Formulation: White WB 985221 | | upplier: | ENNIS | | | | | |
|-------------------------|---------------------------------|---------------------|-----------|-----------------------------|--------------------|-----------------|-----------------|------------------|---|
| Whit | | | Tests R | equired | | | | | |
| Lab Sample Number | Batch Number | Relative Density | Viscosity | Non- Volatile Content | Pigment Content | Dry to Touch | Date Sampled | Date Received | Applicator and Location |
| | 2021 | (25/25°C) | (Krebs) | (%) | (%) | (Minutes) | 2021 | 2021 | |
| B141 | CPP2106W0595 | 1.671 | 80.8 | 77.9 | 61.5 | 3.9 | Sep-28 | Oct-6 | LaFrentz village of halkirk 1Km east of Hwy 855: 04 |
| B145 | CPP2108W0862 | 1.628 | 82.0 | 77.8 | 61.4 | 3.5 | Oct-2 | Oct-18 | Hwy 750: 06 Contract Number 769909 |
| | | | Toleranc | e Limits | | | | | |
| | 985221 | | | | | | | | |
| Tole | erance Limits | | | | | | | | |
| U | pper Limit | | | | | ĺ | | | |
| L | ower Limit | | | | | | | | |

Note: White Paint Formulation is not on Alberta Transportations approved list.

* Indicates result outside tolerance limits.

Test not Required by AT

-

3-Nov-21

Reviewed By:

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Project No.: EA16335



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Technical Standards Branch
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Edmonton, AB T6B 2X3

Distribution Addressee: Wood Environment & Infrastructure Solutions

5671 - 70 Street Edmonton, AB Canada T6B 3P6 Tel +1 (780) 436-2152 Fax +1 (780) 377-3599

ENNIS Supplier: Formulation: **Tests Required** White WB 985221 Viscosity Lab Batch Relative Non-**Pigment** Dry to Date Date Applicator and Location Sample Number Volatile Density Content Touch Sampled Received Number Content 2021 (25/25°C) (Minutes) 2021 2021 (Krebs) (%)(%) B151 Volker Stevin Hwy 36: 02 CMA24 CPP2108W0812 1.669 83.3 78.2 62.4 3.8 Sep-14 Oct-13 B153 CPP2106W0614 1.641 81.2 77.9 61.3 3.6 Sep-13 Oct-17 LaFrentz Hwy 64: 02 , 04 and 06 CMA 4W **Tolerance Limits** 985221 **Tolerance Limits** Upper Limit

Note: White Paint Formulation is not on Alberta Transportations approved list.

Lower Limit

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

15-Nov-21

DATE

Reviewed By:

Reporting of these results constitutes a testing service only.

Project No.: EA16335

wood.

Attn: Rishi Adhikari, P.Eng.

To: Alberta Transportation
Technical Standards Branch
2nd Floor, Twin Atria Building
4999 - 98 Ave
Edmonton, AB T6B 2X3

Distribution Addressee: Wood Environment & Infrastructure Solutions

5671 - 70 Street Edmonton, AB Canada T6B 3P6 Tel +1 (780) 436-2152 Fax +1 (780) 377-3599

| Fo | Formulation: White WB 985221 | | upplier: | ENNIS | | | | | |
|-------------------------|---------------------------------|----------------------------------|-------------------|------------------------------------|---------------------------|------------------------------|-------------------------|--------------------------|-------------------------|
| Whit | | | Tests R | equired | | | | | |
| Lab Sample Number | Batch Number 2021 | Relative Density (25/25°C) | Viscosity (Krebs) | Non- Volatile Content (%) | Pigment Content (%) | Dry to Touch (Minutes) | Date Sampled 2021 | Date Received 2021 | Applicator and Location |
| B162 | CPP2108W0862 | 1.685 | 88.0 | 80.7 | 63.9 | 3.5 | Oct-10 | | LaFrentz Hwy 628 |
| B164 | CPP2106W0595 | 1.612 | 78.2 | 76.8 | 60.6 | 3.9 | N/A | | LaFrentz Hwy 35 : 14 |
| | | 7770 | Toleranc | e Limits | | | | | |
| | 985221 | | | | | | | | |
| Tole | erance Limits | | | | | | | | |
| U | pper Limit | | | | | | | | |
| L L | ower Limit | | | | | | | | |

Note: White Paint Formulation is not on Alberta Transportations approved list.

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

24-Nov-21

DATE

7

Reviewed By:

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Engineering Interpretation or evaluation of the test results is provided only on written request.

Project No.: EA16335

wood.

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Edmonton, AB T6B 2X3

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Fax +1 (780) 377-3599

| Fo | rmulation: | S | upplier: | ENNIS | | | | | |
|-------------------------|--------------------------------|----------------------------------|----------------------|------------------------------------|---------------------------|------------------------------|-------------------------|--------------------------|---|
| Whit | e WB 985221 | | Tests Re | equired | | | | | |
| Lab Sample Number | Batch Number 2021 | Relative Density (25/25°C) | Viscosity (Krebs) | Non- Volatile Content (%) | Pigment Content (%) | Dry to Touch (Minutes) | Date Sampled 2021 | Date Received 2021 | Applicator and Location |
| B176 | CPP2108W0862 | 1.653 | 83.5 | 78.0 | 61.6 | 3.5 | N/A | | LaFrentz Hwy 731 : 02 Contract Number 12365 |
| | | | Toleranc | e Limits | | | A. A. T. T. | . (III) | |
| | 985221 | | | | | | | | |
| Tole | erance Limits | | | | | | | | |
| | pper Limit | | | | | | | | × |
| L L | ower Limit | | | | | | | | |

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Test not Required by AT

PER:

13-Dec-21

Reviewed By:

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