Project No.: EA16335



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	ormulation:	S	upplier:	ENNIS					
White	WB EF-61-0035		Tests R	equired					
Lab Batch Relative Viscosity Non-Volatile Content Number Number 2020 Relative Viscosity Non-Volatile Content Touch Received Received Received Number 2020 (25/25°C) (Krebs) (%) (%) 2021 2021 Applicator and Location Received Receive									
В3	CPP2007W0969	1.601*	70.7*	77.5	60.5	3.3	May-13		Line King Hwy 550 : 02 Contract Number 21040
	7	· via Carri	Toleranc	e Limits	Jism.	ATTING OF	eg:3 ⁵		
2019	EF-61-0035	1.667	80.1	78.9	61				
Tole	erance Limits			± 2%	± 2%				
			± 5	absolute	absolute				
U	Jpper Limit	1.717	85.1	80.9	63.0				
L	Lower Limit		75.1	76.9	59.0				

Not:

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

25-May-21

DATE

Reviewed By:

Reporting of these results constitutes a testing service only.

Project No.: EA16450



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

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Fax +1 (780) 377-3599

Fo	ormulation:	S	upplier:	ENNIS		_			
White	WB EF-61-0035		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)	(%)	(%)		2021	2021	
B6	B6 CPP2104W0273 1.626 77.8		78.9	61.1	2.7	May-19	May-27	Lahrmann/ Line West Hwy 582: 02Contract Number 19075	
			Toleranc	e Limits		with the	A. Trining	797	
2020	EF-61-0035	1.655	79.8	78.9	61.1				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	Jpper Limit	1.705	84.8	80.9	63.1				
L	ower Limit	1.605	74.8	76.9	59.1				

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

6-Oct-20

DATE

ğ.

Reviewed By:

Project No.: EA16450

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

Fo	ormulation:	S	upplier:	ENNIS					
White	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number	Relative Density	Viscosity	Non- Volatile Content	Pigment Content	Dry to Touch	Date Sampled		Applicator and Location
	2020	(25/25°C)	(Krebs)	(%)	(%)		2021	2021	
B8			81.3	80.4	62.4	2.8	May-27	Jun-1	AAA Stripping Line Painting North Hwy 13 To Hwy 2: 30 To JCT Hwy 39
B10	CPP2007W0969	1.662	91.6*	80.8	63.0	3.0	May-28	Jun-1	Line King Hwy 9:02 / 04
			Toleranc	e Limits					
2019	EF-61-0035	1.667	80.1	78.9	61				
Tole	erance Limits			± 2%	± 2%				
			± 5	absolute	absolute				
l	Jpper Limit	1.717	85.1	80.9	63.0				
L	ower Limit	1.617	75.1	76.9	59.0				

Not:

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

IH 18-Jun-21

DATE

Reviewed By:

Project No.: EA16450

Attn: Rishi Adhikari, P.Eng.

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

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Tel +1 (780) 436-2152
Fax +1 (780) 377-3599

Fo	ormulation:	S	upplier:	ENNIS					
White	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number	Relative Density	Viscosity	Non- Volatile Content	Pigment Content	Dry to Touch	Date Sampled		Applicator and Location
	2020	(25/25°C)	(Krebs)	(%)	(%)		2021	2021	
B8			81.3	80.4	62.4	2.8	May-27	Jun-1	AAA Stripping Line Painting North Hwy 13 To Hwy 2: 30 To JCT Hwy 39
B10	CPP2007W0969	1.662	91.6*	80.8	63.0	3.0	May-28	Jun-1	Line King Hwy 9:02 / 04
			Toleranc	e Limits					
2019	EF-61-0035	1.667	80.1	78.9	61				
Tole	erance Limits			± 2%	± 2%				
			± 5	absolute	absolute				
l	Jpper Limit	1.717	85.1	80.9	63.0				
L	ower Limit	1.617	75.1	76.9	59.0				

Not:

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

IH 18-Jun-21

DATE

Reviewed By:

Project No.: EA16450

wood.

Attn: Rishi Adhikari, P.Eng.

To: Alberta Transportation
Technical Standards Branch
2nd Floor, Twin Atria Building
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Distribution Addressee: Wood Environment & Infrastructure Solutions

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Fax +1 (780) 377-3599

F	ormulation:	s	Supplier:	ENNIS					
White	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number 2020	Relative Density (25/25°C)	Viscosity (Krebs)	Non- Volatile Content (%)	Pigment Content (%)	Dry to Touch	Date Sampled 2021	Date Received 2021	Applicator and Location
B12 CPP2007W0969		1.635	83.5	79.5	62.2	2.9	Jun-8		Aecon Hwy 22:12 Contract Number 20733
B14	CPP2009W1364	4.642	81.8	79.2	61.4	2.8	Jun-8		LaFrentz Hwy 16: 08 EB Contract Number: 0019803
B20	CPP2009W1323	1.629	77.8	78.8	60.9	2.5	Jun-16		LaFrentz Hwy 63: 08 Sampled By Ali Joyo 403-369-3499
B22	CPP2009W1364	1.607*	78.0	79.0	61.9	2.9	Jun-16		LaFrentz Hwy 63: 08 Sampled By Ali Joyo 403-369-3499
			Toleranc	e Limits				46.47.47	THE SECTION AND A SECTION OF THE SEC
2019	EF-61-0035	1.667	80.1	78.9	61				
Tole	Tolerance Limits		± 5	± 2% absolute	± 2% absolute				
l	Jpper Limit	1.717	85.1	80.9	63.0				
L	Lower Limit		75.1	76.9	59.0				
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Not:

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

29-Jun-21

Reviewed By:

Project No.: EA16450



Attn: Rishi Adhikari, P.Eng.

To: Alberta Transportation
Technical Standards Branch
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Edmonton, AB

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Fax +1 (780) 377-3599

Fo	ormulation:	S	Supplier:	ENNIS					
White '	WB EF-61-0035		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
B24	CPP2005W0494	1.634	79.7	79.1	61.4	2.9	May-30	Jun-16	AAA Stripping Line Painting Hwy 616 :02Contract Number: 19455
B26			75.6	78.1	60.4	2.8	Jun-9	Jun-16	LaFrentz Hwy 55: 18
B32	B32 CPP2008W1364		80.1	79.4	62.1	3.0	Jun-11	Jun-22	LaFrentz Hwy 63 :00 Contract Number: 20774
B34			76.2	78.4	60.8	3.1	Jun-21	Jun-21	LaFrentz Hwy 63 :12 Contract Number: 20774
		TEP 4	Toleranc	e Limits	T. Charles				
2019	EF-61-0035	1.667	80.1	78.9	61				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	Jpper Limit	1.717	85.1	80.9	63.0				
L	ower Limit	1.617	75.1	76.9	59.0				

Not:

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

19-Jul-21

DATE

Reviewed By:

Reporting of these results constitutes a testing service only.

Project No.: EA16450



Attn: Rishi Adhikari, P.Eng.

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

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Fo	ormulation:	S	upplier:	ENNIS					
White \	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number 2021	Relative Density (25/25°C)	Viscosity	Non- Volatile Content	Pigment Content	Dry to Touch	Date Sampled		Applicator and Location
B30	CPP2105W0342	1.677	(Krebs) 79.0	(%) 78.8	(%) 61.2	3.1	2021 Jun-14	2021	Ledcor Hwy 16 - Edson Sampled By D Farr 780-712-3372
B36	CPP2104W0273	1.653	79.7	78.9	61.1	2.9	Jun-12		Line West Ltd Hwy 9 Contract Number: 21342
		ions About th	Toleranc	e Limits		Water Sant		n (m)	
2020	EF-61-0035	1.655	79.8	78.9	61.1				
Tole	erance Limits	± 0.05	± 5	± 2% absolute	± 2% absolute				
U	Ipper Limit	1.705	84.8	80.9	63.1				
L	ower Limit	1.605	74.8	76.9	59.1				

* Indicates result outside tolerance limits. Test not Required by AT	11			
PER:	1/1	~	19-Jul-21	
Reviewed By:	VV	A.	DATE	

Project No.: EA16450



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	ormulation:	S	upplier:	ENNIS					
White '	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number	Relative Viscosity Density		Non- Volatile Content	Pigment Content	Dry to Touch	Date Sampled	Date Received	Applicator and Location
	2021	(25/25°C)	(Krebs)	(%)	(%)		2021	2021	
B38	CPP2103Y0126	1.613	76.2	78.0	60.7	3.2	Jul-5	Jul-7	Line West Ltd Hwy 28 & 831 Jct Hwy 28:06 to Hwy 831:06 & 08
B40	CPP2105W0342	1.636	75.2	77.7	59.2	2.8	Jul-6	Jul-9	Emcon Hwy 55:10 CMA 10, Arthur Kavulok Phone: 780-675-2780
B48	CPP2105W0341	1.643	76.8	79.3	61.0	3.1	Jul-14	Jul-14	Emcon, Vermillion AB, CMA 15 Sampler Derrick Wilson (AT) 780-853-8269
B54	CPP2105W0429	1.617	77.6	79.5	61.5	3.0	Jul-10	Jul-16	AECOM Transportation West Ltd Hwy 22 : 10 Contract Number 21002
		25.0	Toleranc	e Limits	NY" JA			BAT .	
2020	EF-61-0035	1.655	79.8	78.9	61.1				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	Jpper Limit	1.705	84.8	80.9	63.1				
L	ower Limit	1.605	74.8	76.9	59.1				

* Indicates result outside tolerance limits.		1	
Test not Required by AT		111	
PER:		1 At 3	27-Jul-21
			DATE
Revi	ewed By:		

Project No.: EA16450



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

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Tel +1 (780) 436-2152

Fax +1 (780) 377-3599

Fo	ormulation:	S	Supplier:	ENNIS					
White	WB EF-61-0035		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
B42	12 CPP2009W1364 1.622 76.2 78.4 78.4		78.4	2.9	Jun-30	Jul-13	LaFrentz Hwy 881 Hardisty Sampler Mike Nesbitt 403-304-4556		
		7777777	Toleranc	e Limits	onkil k		Law H	2000	
2019	EF-61-0035	1.667	80.1	78.9	61				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
Ų	Jpper Limit	1.717	85.1	80.9	63.0				
L	ower Limit	1.617	75.1	76.9	59.0				
Not:							ladiaata.		ida talananan limita

Not:

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

27-Jul-21

DATE

Reviewed By:

Reporting of these results constitutes a testing service only.

Project No.: EA16450

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

Supplier: Formulation: **ENNIS Tests Required** White WB EF-61-0035 Lab Batch Relative Viscosity Non-Pigment Dry to Date Date Applicator and Location Sample Number Density Volatile Content Touch Sampled Received Number Content 2021 (25/25°C) (Krebs) (%) (%) 2021 2021 **B56** CPP2105W0429 1.617 78.0 79.1 61.6 3.0 Jul-13 Jul-21 Hwy 2:18 Contract Number 21250 **B58** CPP2105W0342 1.655 80.0 79.2 61.5 3.1 Jul-1 Jul-21 LaFrentz Hwy 40: 38/40 Contract Number 18341 **B60** CPP2105W0424 1.617 75.0 77.6 59.9 Border Paving Hwy 26:10 Camrose to Hwy 834: 02 Contract Number 12471 3.3 Jul-19 Jul-21 **B61** CPP2107W0723 1.641 78.1 2.9 81.3 61.8 Jul-9 Jul-28 AAA Striping Line Painting Hwy 49: 08 /Hwy 744: 02 **B63** CPP2104W0273 74.2* 1.619 77.6 60.1 3.1 Jul-24 Jul-28 Line West Ltd Hwy 743 : 02, Hwy 2: 62 & Hwy 740 : 02 **B65** CPP2105W0429 1.609 75.6 78.8 3.2 61.2 Jul-28 Jul-28 Line King Hwy 570:02 CON775810 **Tolerance Limits**

			IIIII TURKU ISERIA SARAMAN	A-10-00-00-00-00-00-00-00-00-00-00-00-00-	ALLES TO SHARE THE PARTY OF THE	
2020	EF-61-0035	1.655	79.8	78.9	61.1	Ī
Tole	erance Limits			± 2%	± 2%	
		± 0.05	± 5	absolute	absolute	
U	pper Limit	1.705	84.8	80.9	63.1	
L	ower Limit	1.605	74.8	76.9	59.1	

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

10-Aug-21

DATE

Reviewed By:

Project No.: EA16450



Attn: Rishi Adhikari, P.Eng.

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Technical Standards Branch
2nd Floor, Twin Atria Building
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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	ormulation:	S	upplier:	ENNIS					
White	WB EF-61-0035		Tests R	equired					,
Lab Sample Number	Batch Number 2021	Relative Density (25/25°C)	Viscosity (Krebs)	Non- Volatile Content (%)	Pigment Content (%)	Dry to Touch	Date Sampled 2021	Date Received 2021	Applicator and Location
B67	CPP2105W0429	1.609	78.0	79.1	61.5	3.3	Jul-29	Aug-4	AECON Hwy 8: 06 Contract Number 21314
B69	CPP2105W0429	1.623	78.4	79.5	62.3	3.0	Jul-27		Ledcor Hwy 584: 02 Contract Number 20031
B71	CPP2107W0724	1.610	75.8	78.1	60.6	3.2	Aug-5	Aug-6	Ledcor Hwy 40 : 32 Sampled By D Farr 780-712-3372
			Toleranc	e Limits	C. AMOR		<u> </u>	of Filtrag	and or and or affect to some or any
2020	EF-61-0035	1.655	79.8	78.9	61.1				
Tole	erance Limits	± 0.05	± 5	± 2% absolute	± 2% absolute				
	Jpper Limit	1.705	84.8	80.9	63.1				
L	ower Limit	1.605	74.8	76.9	59.1				

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

17-Aug-21

DATE

Reviewed By:

Project No.: EA16450



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Fax +1 (780) 377-3599

Fo	ormulation:	S	upplier:	ENNIS					
White '	WB EF-61-0035		Tests R	equired					
Lab Sample Number	Batch Number 2021	Relative Density	Viscosity	Non- Volatile Content	Pigment Content	Dry to Touch	Date Sampled	Date Received	Applicator and Location
B77	CPP2107W0769	(25/25°C) 1.606	(Krebs) 75.2	(%) 77.8	(%) 60.7	3.3	2021	2021	LaFrontz Huss 776 Contract Number (10005 Contract Circum Otyphia 700 740 55 47
							Aug-13		LaFrentz Hwy 776 Contract Number :19805 Sampler Siman Stuehler 780-719-5547
B79	CPP2107W0769	1.586*	73.2*	77.6	60.3	3.4	Aug-13	Aug-16	LaFrentz Hwy 37 : 02 to 04 From Hwy 44 to Hwy 2
B81	CPP2107W0656	1.608	78.4	78.8	61.3	3.3	Aug-11	Aug-18	Line King Hwy 201 : 02 and 08 Contract Number : 21249
B83	CPP2105W0429	1.589*	71.4*	77.8	60.3	3.3	Jul-8	Aug-18	Ledcor /Line King Hwy 584 : 02 Contract Number : 20031
B85	CPP2105W0429	1.622	78.1	79.2	61.7	3.3	Jul-19	Aug-19	Line King West Calgary Ring Road Hwy 1 and Hwy 201 CON0020376
			Toleranc	e Limits	Ballicar		3.79	Sulla.	
2020	EF-61-0035	1.655	79.8	78.9	61.1				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	Jpper Limit	1.705	84.8	80.9	63.1				
L	Lower Limit		74.8	76.9	59.1				

* Indicates result outside tolerance limits.

Test not Required by AT

PER:

24-Aug-21

DATE

Reviewed By:

Project No.: EA16450

wood.

Attn: Rishi Adhikari, P.Eng.

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Fax +1 (780) 377-3599

B EF-61-0035								
White WB EF-61-0035 Lab Batch		Tests R	equired					
Batch Number 2021	Relative Density (25/25°C)	Viscosity (Krebs)	Non- Volatile Content (%)	Pigment Content (%)	Dry to Touch	Date Sampled 2021	Date Received 2021	Applicator and Location
CPP2107W0644	1.650	84.9	79.4	61.5	3.2	Jul-18	Aug-20	Line West Ltd Hwy 1 : 02 Contract Number : 21955
CPP2107W0644	1.637	78.2	77.9	60.3	3.3	Jul-12	Aug-20	Line West Ltd Hwy 22 : 16 Contract Number : 21955
CPP2107W0656	1.596*	79.3	79.0	61.5	3.3	Aug-16	Aug-25	Aecon Hwy 8 : 06 Contract Number : 21514
		Toleranc	e Limits	- us y				
EF-61-0035	1.655	79.8	78.9	61.1				
nce Limits			± 2%	± 2%				
	± 0.05	±5	absolute	absolute				
er Limit	1.705	84.8	80.9	63.1				
er Limit	1.605	74.8	76.9	59.1				
ın	Number 2021 CPP2107W0644 CPP2107W0656 PP2107W0656 EF-61-0035 Ince Limits er Limit	Number Density 2021 (25/25°C) CPP2107W0644 1.650 CPP2107W0656 1.596* EPP2107W0656 1.596* EF-61-0035 1.655 nce Limits ± 0.05 er Limit 1.705	Number Density 2021 (25/25°C) (Krebs) CPP2107W0644 1.650 84.9 CPP2107W0644 1.637 78.2 CPP2107W0656 1.596* 79.3 Toleranc EF-61-0035 1.655 79.8 nce Limits ± 0.05 ± 5 er Limit 1.705 84.8	Number Density Volatile Content (%) 2021 (25/25°C) (Krebs) (%) CPP2107W0644 1.650 84.9 79.4 CPP2107W0644 1.637 78.2 77.9 CPP2107W0656 1.596* 79.3 79.0 Tolerance Limits EF-61-0035 1.655 79.8 78.9 nce Limits ± 2% absolute er Limit 1.705 84.8 80.9	Number Density Volatile Content (%) Content (%) 2021 (25/25°C) (Krebs) (%) (%) CPP2107W0644 1.650 84.9 79.4 61.5 CPP2107W0644 1.637 78.2 77.9 60.3 CPP2107W0656 1.596* 79.3 79.0 61.5 Tolerance Limits EF-61-0035 1.655 79.8 78.9 61.1 nce Limits ± 2% ± 2% absolute er Limit 1.705 84.8 80.9 63.1	Number Density Volatile Content (%) Content (%) Touch 2021 (25/25°C) (Krebs) (%) (%) CPP2107W0644 1.650 84.9 79.4 61.5 3.2 CPP2107W0644 1.637 78.2 77.9 60.3 3.3 PP2107W0656 1.596* 79.3 79.0 61.5 3.3 Tolerance Limits EF-61-0035 1.655 79.8 78.9 61.1 acc Limits ± 2% ± 2% absolute absolute er Limit 1.705 84.8 80.9 63.1 er Limit 1.605 74.8 76.9 59.1	Number Density Volatile Content (%) Content (%) Touch Sampled 2021 (25/25°C) (Krebs) (%) (%) 2021 CPP2107W0644 1.650 84.9 79.4 61.5 3.2 Jul-18 CPP2107W0644 1.637 78.2 77.9 60.3 3.3 Jul-12 PP2107W0656 1.596* 79.3 79.0 61.5 3.3 Aug-16 Tolerance Limits EF-61-0035 1.655 79.8 78.9 61.1 absolute ± 2% absolute absolute er Limit 1.705 84.8 80.9 63.1 er Limit 1.605 74.8 76.9 59.1	Number Density Volatile Content (%) Content (%) Touch Sampled Received 2021 (25/25°C) (Krebs) (%) (%) 2021 2021 CPP2107W0644 1.650 84.9 79.4 61.5 3.2 Jul-18 Aug-20 CPP2107W0644 1.637 78.2 77.9 60.3 3.3 Jul-12 Aug-20 PP2107W0656 1.596* 79.3 79.0 61.5 3.3 Aug-16 Aug-25 Tolerance Limits EF-61-0035 1.655 79.8 78.9 61.1 ± 2% ± 2% absolute er Limit 1.705 84.8 80.9 63.1

* Indicates result outside tolerance Test not Required by AT	e limits.	111		~ "	
	PER:	11 1		30-Aug-21	
	•	W	2	DATE	_
	Reviewed By:				

Project No.: EA16450



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	upplier:	ENNIS			1			
White \	WB EF-61-0035		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	
B94	CPP2107W0779	1.641	76.2	78.3	61.5	3.1	Aug-25	Aug-26	EMCON H wy 663 :02 CMA 10, Arthur Kavulok Phone: 780-675-2780	
B96	CPP2107W0644	1.621	80.0	78.6	60.9	3.4	Aug-14	Aug-27	Line West Ltd Hwy 684: 02 Sampled By Ali Joyo 403-369-3499	
B98	CPP2105W0429	1.621	78.6	79.2	61.4	3.1	Aug-26	Aug-30	Line King Hwy 561 Contract Number : 19472	
		III	Toleranc	e Limits					The state of the s	
2020	EF-61-0035	1.655	79.8	78.9	61.1					
Tole	erance Limits			± 2%	± 2%					
		± 0.05	± 5	absolute	absolute				195	
U	pper Limit	1.705	84.8	80.9	63.1					
L	ower Limit	1.605	74.8	76.9	59.1					

* Indicates result outside tolerance limits.		1	
Test not Required by AT	1	11	
PER	i	1	7-Sep-21
			DATE
F	Reviewed By:	K.	
	-		

Project No.: EA16450



Attn: Rishi Adhikari, P.Eng.

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Fo	ormulation:	S	upplier:	ENNIS					
White	WB EF-61-0035		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	Date Received 2021	Applicator and Location
B109	CPP2108W0838	1.634	76.4	78.5	61.2	3.2	Aug-28		Ledcor AT Edson Sampler Dave 780-723-8250
B110	CPP2107W0693	1.619	80.3	79.0	79.0	3.3	Sep-3	-	Ledcor Hwy 22 : 20 Contract Number : 20935
			Toleranc	e Limits				J. W. S.	
2020	EF-61-0035	1.655	79.8	78.9	61.1				AND AND ADDRESS OF THE AND ADDRESS OF THE ADDRESS O
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
	Jpper Limit	1.705	84.8	80.9	63.1				
L	.ower Limit	1.605	74.8	76.9	59.1				

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Test not Required by AT

PER:

22-Sep-21

DATE

Reviewed By:

Project No.: EA16450

wood.

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Fo	ormulation:	S	upplier:	ENNIS					
White	WB EF-61-0035		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
B114	CPP2106W0636	1.614	76.2	78.3	60.9	3.3	Sep-14	Sep-16	LaFrentz Hwy 22: 24 CMA 514 Sampler David Leek 403-845-1825
B116	CPP2105W0424	1.631	78.6	78.9	61.3	3.0	Aug-10		LaFrentz Hwy 27: 06 CMA 514 Sampler Simon Stuehler 780-719-5547
B120	CPP2107W0656	1.613	76.8	78.5	61.0	3.3	Sep-20	Sep-23	LaFrentz Hwy Hwy 40:38
		51. T	Toleranc	e Limits					
2020	EF-61-0035	1.655	79.8	78.9	61.1				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
L	Jpper Limit	1.705	84.8	80.9	63.1				
L	Lower Limit	1.605	74.8	76.9	59.1				

*	Indi	icate	es	resu	ılt	ou	tsi	de	tolerance	limits.
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Test not Required by AT

PER:

28-Sep-21

DATE

Reviewed By:

Reporting of these results constitutes a testing service only.

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Fo	ormulation:	S	upplier:	ENNIS					
White	WB EF-61-0035		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
B124	CPP2108W0824	1.629	74.0*	79.4	62.1	3.1	Sep-21	Sep-28	Line King Hwy 43: 08 and 10
B129	CPP2106W0636	1.662	76.1	78.4	60.7	3.1	Sep-21	-	LaFrentz Hwy 759 Test Section B Contract Number 0019698
B131			78.0	78.3	61.1	2.9	Sep-18		LaFrentz Hwy 16: 04 Contract Number 0019698
			Toleranc	e Limits	hh.a.			A 176	
2020	EF-61-0035	1.655	79.8	78.9	61.1				
Tole	erance Limits			± 2%	± 2%				
			± 5	absolute	absolute				
	Jpper Limit	1.705	84.8	80.9	63.1				
L	ower Limit	1.605	74.8	76.9	59.1				

* Indicates result outside tolerance limits.

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20-Oct-21

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Fo	rmulation:	S	Supplier:	ENNIS							
White '	WB EF-61-0035		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		
B157	CPP2108W0845	1.634	74.8	78.4	60.7	3.1	Oct-14		Ledcor Hwy Maint Yard CMA 508		
									,		
		Military, 1	Toleranc	e Limits			L AL				
2020	EF-61-0035	1.655	79.8	78.9	61.1						
Tole	erance Limits			± 2%	± 2%						
		± 0.05	±5	absolute	absolute						
U	pper Limit	1.705	84.8	80.9	63.1						
L	ower Limit	1.605	74.8	76.9	59.1						

indicates result outside toleran	ice iimiis.	100.00	
Test not Required by AT		1//	1-
	PER:	1110	15-Nov-21
		M	DATE
	Reviewed By:		

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Formulation:		S	upplier:	ENNIS					
White '	WB EF-61-0035		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
B170	CPP2108W0801	1.612	76.0	78.3	60.6	3.2	Nov-4		Emcon Oyen CMA 22
		Tolerance Limits						13116	
2020	EF-61-0035	1.655	79.8	78.9	61.1				
Tolerance Limits				± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
Upper Limit		1.705	84.8	80.9	63.1				
Lower Limit		1.605	74.8	76.9	59.1				

* Indicates result outside tolerance limits.

Test not Required by AT

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Reviewed By: