Project No.: EA16450

usb

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: WSP E&I Canada Limited 5671 - 70 Street Edmonton, AB Canada T6B 3P6 Tel +1 (780) 436-2152 Fax +1 (780) 377-3599

Fo	ormulation:	s	upplier:	PPG					
White	WB EF-61-0139		Tests R	equired				111	
Lab Sample Number	Batch Number 2024	Relative Density (25/25°C)	Viscosity (Krebs)	Non- Volatile Content (%)	Pigment Content (%)	Dry to Touch (Minutes)	Date Sampled 2024	Date Received 2024	Applicator and Location
B11	CPP2403W0199	1.631	76.6	77.3	59.2	2.8	Jun-6	Jun-7	Volker Stevin Taber Hwy 3:10
			Toleranc	e Limits					
2023	EF-61-0139	1.621	80.4	78.7	59.7	Mindindiside De De De De De De De De De		****************	
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
L	Jpper Limit	1.671	85.4	80.7	61.7				
L	ower Limit	1.571	75.4	76.7	57.7				

* Indicates result outside tolerance limits.

Test not Required by AT

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Canada T6B 3P6
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Fax +1 (780) 377-3599

Fo	ormulation:	S	upplier:	PPG					
White \	WB EF-61-0139		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
	2024	(25/25°C)	(Krebs)	(%)	(%)	(Minutes)	2024	2024	
B23	CPP2403W0266	1.622	77.8	77.4	59.2	2.9	Jun-13	Jun-20	Volker Stevin Hwy 501:06 Foremost CMA 24
	72		Toleranc	e Limits					
2023	EF-61-0139	1.621	80.4	78.7	59.7				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	lpper Limit	1.671	85.4	80.7	61.7				
L. L	ower Limit	1.571	75.4	76.7	57.7				

* Indicates result outside tolerance limits.

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Canada T6B 3P6 Tel +1 (780) 436-2152

Fax +1 (780) 377-3599

Formulation: White WB EF-61-0139		upplier:	PPG					
		Tests R	equired					
Batch Number	Relative Density	Viscosity	Non- Volatile Content	Pigment Content	Dry to Touch	· ·		Applicator and Location
2024	(25/25°C)	(Krebs)	(%)	(%)	(Minutes)	2024	2024	
CPP2404W0288	1.620	77.8	77.5	59.3	2.8	Jun-22	Jul-13	Volker Stevin Hwy 4:04 Warner
CPP2404W0288	1.580	78.2	77.6	59.2	3.1	Jul-10	Jul-13	Ledcor Hwy 16:06 EB @ 1541816 E
CPP2304W0389	1.649	79.0	77.9	59.5	2.9	Jun-17	Jul-15	Ledcor Hwy 32:10 @ Airport from Dave Farr 780-712-3372
		Toleranc	e Limits					
EF-61-0139	1.621	80.4	78.7	59.7	S X 3000 SEEDINGHIII			
rance Limits			± 2%	± 2%				
	± 0.05	± 5	absolute	absolute				
pper Limit	1.671	85.4	80.7	61.7				
ower Limit	1.571	75.4	76.7	57.7				
	Batch Number 2024 CPP2404W0288 CPP2404W0389 EF-61-0139 rance Limits oper Limit ower Limit	Batch Number Density 2024 (25/25°C) CPP2404W0288 1.620 CPP2404W0288 1.580 CPP2304W0389 1.649 EF-61-0139 1.621 rance Limits ± 0.05 oper Limit 1.671 ower Limit 1.571	Batch Number Relative Density Viscosity 2024 (25/25°C) (Krebs) CPP2404W0288 1.620 77.8 CPP2404W0288 1.580 78.2 CPP2304W0389 1.649 79.0 Tolerance EF-61-0139 1.621 80.4 rance Limits ± 0.05 ± 5 oper Limit 1.671 85.4 ower Limit 1.571 75.4	Batch Number Density Viscosity Non-Volatile Content	Relative Viscosity Non- Volatile Content	Batch Number Relative Density Viscosity Non-Volatile Content (%) (Minutes)	Batch Number Density Viscosity Density Non-Volatile Content (%) (Minutes) 2024	Batch Number Density Viscosity Density Non-Volatile Content Co

Note: White Paint B39 Formulationand Batch number is not macth formulation EF-61-0139 Aproved 2024 batch number is 2023

* Indicates result outside tolerance limits.

Test not Required by AT

23-Jul-24

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Fo	ormulation:	S	Supplier:	PPG					
White '	WB EF-61-0139		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
	2024	(25/25°C)	(Krebs)	(%)	(%)	(Minutes)	2024	2024	
B55	CPP2403W0266	1.596	79.0	77.4	59.2	3.1	Jul-24	Jul-26	Ledcor Hwy 43:14@ W/LVIS Sampled By Dave Farr 780-712-3372
			Toleranc	e Limits					
2023	EF-61-0139	1.621	80.4	78.7	59.7				
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
U	lpper Limit	1.671	85.4	80.7	61.7				
L	ower Limit	1.571	75.4	76.7	57.7				
Tole U L	erance Limits	± 0.05 1.671 1.571	80.4 ± 5 85.4 75.4	78.7 ± 2% absolute 80.7 76.7	± 2% absolute 61.7 57.7				

Note: White Paint B39 Formulationand Batch number is not macth formulation EF-61-0139 Aproved 2024 batch number is 2023

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Distribution Addressee: WSP Canada Limited 5671 - 70 Street Edmonton, AB Canada T6B 3P6 Tel +1 (780) 436-2152

Fax +1 (780) 377-3599

Supplier: **PPG** Formulation: **Tests Required** White WB EF-61-0139 Lab Batch Relative Viscosity Non-**Pigment** Dry to Date Date Applicator and Location Sample Number Density Volatile Content Touch Sampled Received Number Content 2024 2024 (25/25°C) (Krebs) (%) (%) (Minutes) 2024 **B65** 1.555* 79.3 77.2 Aug-14 Lafrentz Hwy 16:18 to 22 Con#19732 CPP2404W0289 59.1 3.2 Aug-12 **Tolerance Limits** 2023 EF-61-0139 1.621 80.4 78.7 59.7 3.0 **Tolerance Limits** ± 2% ± 2% ± 0.05 ± 5 absolute absolute **Upper Limit** 1.671 85.4 80.7 61.7 Lower Limit 1.571 75.4 76.7 57.7

Note: White Paint B39 Formulationand Batch number is not macth formulation EF-61-0139 Aproved 2024 batch number is 2023

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/ 19-Aug-24 DATE

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

Fax +1 (780) 377-3599

Fo	Formulation:		upplier:	PPG					
White	WB EF-61-0139		Tests R	equired					
Lab Sample Number	Batch Number 2024	Relative Density (25/25°C)	Viscosity (Krebs)	Non- Volatile Content (%)	Pigment Content (%)	Dry to Touch (Minutes)	Date Sampled 2024	Date Received 2024	Applicator and Location
B93	CPP2404W0298	1.639	80.1	76.3	61.7	3.1	Sep-6		EMCON Hwy 16:24 CMA14
			Toleranc	e Limits					
2023	EF-61-0139	1.621	80.4	78.7	59.7	3.0	7117 1111111111	XXXXIII	
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
L	Jpper Limit	1.671	85.4	80.7	61.7				
L	ower Limit	1.571	75.4	76.7	57.7				4
Nata. 18/6:	to Daint R20 Formu	lettererd D	1010 march	!			1 . 4' (: do do longo e o 1900 (do

Note: White Paint B39 Formulationand Batch number is not macth formulation EF-61-0139 Aproved 2024 batch number is 2023

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16-Sep-24

Reviewed By:

DATE

Reporting of these results constitutes a testing service only.

PER:

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

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Edmonton, AB T6B 2X3

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Fo	ormulation:	S	upplier:	PPG					
White	White WB EF-61-0139		Tests R	equired					
Lab Sample	Batch Number	Relative Density	Viscosity	Non- Volatile	Pigment Content	Dry to Touch	Date Sampled	Date Received	Applicator and Location
Number	2024	(25/25°C)	(Krebs)	Content (%)	(%)	(Minutes)	2024	2024	
B95	CPP2407W0688	1.640	79.0	77.9	59.5	3.1	Aug-27	Sep-6	Volker Stevin Hwy 526:02 Taber, AB
B108	CPP2407W0829	1.553*	77.4	77.5	59.2	3.2	Sep-16	Sep-17	EMCON Hwy13:16
			Toleranc	 e Limits					
2023	EF-61-0139	1.621	80.4	78.7	59.7	3.0			
Tole	erance Limits			± 2%	± 2%				
		± 0.05	± 5	absolute	absolute				
l	Jpper Limit	1.671	85.4	80.7	61.7				
L	ower Limit	1.571	75.4	76.7	57.7				
Alada Mila:	to Boint B20 Formu	letion and D	-4-b	! 4		+	La d'a a Cala	. 11 4	ido talagas as fissita

Note: White Paint B39 Formulation and Batch number is not macth formulation EF-61-0139 Aproved 2024 batch number is 2023

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rmulation:	S	upplier:	PPG					
White WB EF-61-0139		Tests R	equired					
Batch Number	Relative Density	Viscosity	Volatile Content	Pigment Content	Dry to Touch	Date Sampled	Date Received	Applicator and Location
2024	(25/25°C)	(Krebs)	(%)	(%)	(Minutes)	2024	2024	
CPP2407W0649	1.563*	77.8	77.3	59.0	3.2	Sep-27	Oct-1	EMCON Varmilion Shop
CPP2406W0648	1.579	79.0	77.6	59.1	3.1	Sep-30	Oct-1	EMCON Hwy16 RR62
		Toleranc	e Limits					
EF-61-0139	1.621	80.4	78.7	59.7	3.0			
rance Limits			± 2%	± 2%				
	± 0.05	± 5	absolute	absolute				
pper Limit	1.671	85.4	80.7	61.7				
ower Limit	1.571	75.4	76.7	57.7				
	Batch Number 2024 CPP2407W0649 CPP2406W0648 EF-61-0139 rance Limits pper Limit	Batch Number Pensity 2024 (25/25°C) CPP2407W0649 1.563* CPP2406W0648 1.579 EF-61-0139 1.621 rance Limits ± 0.05 pper Limit 1.671	NB EF-61-0139 Tests R Batch Relative Density Viscosity 2024 (25/25°C) (Krebs) CPP2407W0649 1.563* 77.8 CPP2406W0648 1.579 79.0 Tolerance EF-61-0139 1.621 80.4 rance Limits ± 0.05 ± 5 oper Limit 1.671 85.4	Tests Required Number Possity Non-Volatile Content (25/25°C) (Krebs) (%)	Tests Required Test	Tests Required Pigment Dry to Touch Content Content	Tests Required Pigment Dry to Date Sampled Content C	Tests Required Relative Density Viscosity Non- Volatile Content Content

Note: White Paint B39 Formulationand Batch number is not macth formulation EF-61-0139 Aproved 2024 batch number is 2023

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wsp

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Fo	ormulation:	S	upplier:	PPG					
White	WB EF-61-0139		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
	2024	(25/25°C)	(Krebs)	(%)	(%)	(Minutes)	2024	2024	
B138	062424WD0127	1.612	80.0	76.7	60.4	3.1	Oct-10	Oct-9	EMCON Hwy16:18 &022 Con# 19732
			Toleranc	e Limits					
2023	EF-61-0139	1.621	80.4	78.7	59.7	3.0			
Tole	erance Limits			± 2%	± 2%	+2			
			± 5	absolute	absolute				
U	Ipper Limit	1.671	85.4	80.7	61.7	5.0			
L	ower Limit	1.571	75.4	76.7	57.7	N/A			

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Fo	ormulation:	s	upplier:	PPG					
White	WB EF-61-0139		Tests R	equired					
Lab Sample Number	Batch Number 2024	Relative Density (25/25°C)	Viscosity (Krebs)	Non- Volatile Content (%)	Pigment Content (%)	Dry to Touch (Minutes)	Date Sampled 2024	Date Received 2024	Applicator and Location
B150	CPP2407W0688	1.520*	79.7	77.3	59.9	3.3	N/A		EMCON Hanna
			Toleranc	e Limits					
2023	EF-61-0139	1.621	80.4	78.7	59.7	3.0			
Tole	erance Limits			± 2%	± 2%	+2			
		± 0.05	± 5	absolute	absolute				
	Jpper Limit	1.671	85.4	80.7	61.7	5.0]		
	ower Limit	1.571	75.4	76.7	57.7	N/A			

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