

GLASS BEADS TEST REPORT

Project No.: EA16335



**To: Alberta Transportation
 Technical Standards Branch
 1st Floor, Twin Atria Building
 4998 - 98 Ave
 Edmonton, AB T6B 2X2**

Distribution Addressee: Wood Environment & Infrastructure Solutions
 5671 - 70th Street
 Edmonton, AB
 Canada T6B 3P6

Attn: Attn: Rishi Adhikari, P.Eng.

Lab Number 2018	Date Received 2018	Date Reported 2018	Lot Number	Roundness (%)	Reflective (%)	Moisture Resistance	Sieve Analysis % Passing					Supplier	With Paint Batch Number 2018
							800	630	315	160	80		
GB2	May-24	Jun-25	DSCB-07-03-17			Pass	99.9*	89.4	19.4	0.2	0.0	ISP	B7 & B8
GB3	Jun-12	Jun-25	M-H-J-20918-1	81.6	79.5	Pass	99.5*	86.4	29.3	3.9	0.1*	POTTERS	B18 & B19
Specification				Min. 75	Min. 70	Pass	100	75-95	15-35	0-5	0		

* Indicates result outside tolerance limits.

Test not required by Alberta Transportation

PER: _____ 25-Jun-18
 DATE

Reviewed By: _____

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							800	630	315	160	80		
GB4	Jun-18	Jun-29	M-H-J-91317			Pass	99.6*	81.8	13.8*	4.3	0.1*	POTTERS	B21 & B22
GB5	Jun-25	Jun-29	M-H-J-51918-1	77.5	75.6	Pass	99.8*	86.6	24.7	3.1	0.1*	POTTERS	B27 & B28
Specification				Min. 75	Min. 70	Pass	100	75-95	15-35	0-5	0		

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PER:  _____ 29-Jun-18
 DATE

Reviewed By:  _____

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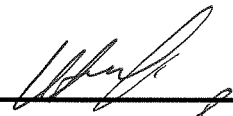
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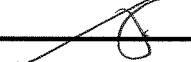
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							800	630	315	160	80		
GB8	Jul-6	Nov-25	M-H-J-21418-3			Pass	99.5*	88.1	28.3	0.4	0.02	POTTERS	B44&B45
GB9	Jul-12	Nov-25	M-H-J-120217	81.4	78.9	Pass	99.6*	93.7	26.6	1.7	0.00	POTTERS	B50&B51
GB10	Jul-19	Nov-25	M-H-J-120217			Pass	99.6*	90.0	19.4	1.2	0.00	POTTERS	B60&B61
GB11	Jul-21	Nov-25	M-H-122217	82.5	81.1	Pass	99.6*	90.3	30.4	6.4*	0.4*	POTTERS	B76&B77
GB12	Jul-31	Nov-25	M-H-J-62318			Pass	99.4*	89.8	28.1	5.8*	0.9*	POTTERS	B84&85
GB13	Aug-8	Nov-25	M-H-J-120217	85.1	81.4	Pass	99.6*	93.6	29.2	2.5	0.4*	POTTERS	B98&B99
Specification				Min. 75	Min. 70	Pass	100	75-95	15-35	0-5	0		

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PER:  29-Nov-18
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							800	630	315	160	80		
GB14	Aug-13	Dec-10	M-H-J-120217-2			Pass	100.0	87.1	24.7	2.6	0.00	POTTERS	B104&B105
GB15	Aug-23	Dec-10	M-H-J-81718	73.9*	71.7	Pass	100.0	87.1	18.6	0.2	0.00	POTTERS	B115&B116
GB16	Aug-24	Dec-10	M-H-J-100217			Pass	98.7*	87.1	20.2	1.2	0.00	POTTERS	B122&B123
GB17	Aug-31	Dec-10	M-H-J-110617	80.9	78.3	Pass	99.8*	91.3	26.8	2.2	0.00	POTTERS	B130&B131
GB18	Sep-11	Dec-10	M-H-J-70618			Pass	99.4*	87.4	28.3	3.7	0.19*	POTTERS	B142&B143
GB19	Oct-3	Dec-10	M-H-J-12617	81.8	78.9	Pass	99.8*	93.8	28.9	4.5	0.39*	POTTERS	B156&B157
Specification				Min. 75	Min. 70	Pass	100	75-95	15-35	0-5	0		

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Test not required by Alberta Transportation

PER: _____ 10-Dec-18
 DATE

Reviewed By: _____

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							800	630	315	160	80		
GB20	Oct-3	Dec-17	DSCB03/08/18			Pass	100.0	89.2	22.5	0.4	0.00	ISP	B164&B165
GB21	Oct-11	Dec-17	M-H-J-81018	81.7	79.5	Pass	98.0	87.0	26.4	3.0	2*	POTTERS	B178&B179
GB22	Oct-15	Dec-17	M-H-J-82218			Pass	99.6	87.5	23.8	2.2	0.0	POTTERS	B180&B181
GB23	Oct-23	Dec-17	DSCB07/03/17	75.6	73.4	Pass	100.0	86.5	19.2	0.4	0.0	ISP	B190&B191
GB24	Nov-2	Dec-17	M-H-J-101218-1			Pass	99.8	94.8	30.3	2.5	0.0	POTTERS	B201&B202
GB25	Nov-21	Dec-17	M247 AC-110TW	75.8	73.6	Pass	99.6	87.5	22.3	0.4	0.2*	POTTERS	B209&210
Specification				Min. 75	Min. 70	Pass	100	75-95	15-35	0-5	0		

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Test not required by Alberta Transportation

PER: _____ 17-Dec-18

Reviewed By: _____ DATE

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							800	630	315	160	80		
GB26	Jun-5	Dec-20	M-H-J-33218-2			Pass	99.6*	84.5	26.7	3.4	0.3*	POTTERS	B13
GB27	Jun-21	Dec-20	M-H-J-61118-1	81.9	79.6	Pass	99.8*	89.4	24.7	5.1*	0.2*	POTTERS	B25&B26
GB28	Jun-29	Dec-20	M-H-J-91317			Pass	99.8*	88.5	22.7	0.2	0.0	POTTERS	B34&B35
GB29	Jul-17	Dec-20	M-H-J-61118	83.1	80.6	Pass	99.8*	90.3	29.9	5.6*	0.0	POTTERS	B57&B58
GB30	Jul-20	Dec-20	M-H-J-10418			Pass	99.8*	89.7	24.3	3.3	0.0	POTTERS	B68&B69
GB31	Jul-20	Dec-20	DSCB03/08-2018	76.2	73.9	Pass	100.0	88.9	23.5	0.0	0.0	ISP	B72&B73
GB32	Aug-4	Dec-20	M-H-J-71718-2			Pass	100.0	89.7	24.1	3.4	.22*	POTTERS	B92&B93
Specification				Min. 75	Min. 70	Pass	100	75-95	15-35	0-5	0		

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 Test not required by Alberta Transportation

PER:  20-Dec-18
 DATE

Reviewed By: _____

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GLASS BEADS TEST REPORT

Project No.: 2240



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

Attn:IRishi Adhikari, P.Eng.

Lab Number 2018	Date Received 2018	Date Reported 2019	Lot Number	Roundness (%)	Reflective (%)	Moisture Resistance	Sieve Analysis % Passing					Supplier	With Paint Batch Number 2018
							800	630	315	160	80		
GB33	Aug-8	Jan-21	M -H-J-82118	76.9	75.4	Pass	99.6*	89.2	27.8	2.7	0.0	POTTERS	B102&B103
GB34	Aug-17	Jan-21	M -J-H-41818	77.1	74.6	Pass	99.6*	83.3	25.1	2.5	.20*	POTTERS	B110&B111
GB35	Aug-21	Jan-21	M-J-H-70618	80.6	79.0	Pass	99.8*	85.4	36.4*	4.5	.18*	POTTERS	B120&B121
GB36	Aug-30	Jan-11	M-J-H-71318	81.3	79.0	Pass	99.8*	87.3	26.7	4.3	.39*	POTTERS	B128&B129
GB37	Aug-31	Jan-21	M-H-J-81718	80.5	77.7	Pass	100.0	87.9	23.5	3.7	0.37*	POTTERS	B134&B135
GB38	Sep-12	Jan-21	M-H-J-12191	82.8	79.8	Pass	99.8*	94.2	29.1	4.4	.20*	POTTERS	B146&B147
Specification				Min. 75	Min. 70	Pass	100	75-95	15-35	0-5	0		

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Test not required by Alberta Transportation

PER: _____ 21-Jan-19

Reviewed By: _____ DATE

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 Tel +1 (780) 436-2152
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Attn: IRishi Adhikari, P.Eng.

Lab Number 2018	Date Received 2018	Date Reported 2019	Lot Number	Roundness (%)	Reflective (%)	Moisture Resistance	Sieve Analysis % Passing					Supplier	With Paint Batch Number 2018
							800	630	315	160	80		
GB39	Oct-3	Jan-30	MJ-H-91218	80.8	78.1	Pass	99.8*	93.9	30.0	3.7	0.0	POTTERS	B160 & B161
GB40	Oct-23	Jan-30	M247 Type1	70.7*	68.3*	Pass	99.5	91.5	31.0	0.7	0.0	SWORCO	B188 & B189
GB41	Nov-2	Jan-30	DSCB:04/27/17	73.6*	70.8	Pass	99.9*	86.1	12.4*	0.4	0.0	ISP	B199 & B200
GB42	Nov-15	Jan-30	M-H-J-101317	83.0	80.2	Pass	99.9	93.7	32.7	4.2	0.2*	POTTERS	B207 & B208
Specification				Min. 75	Min. 70	Pass	100	75-95	15-35	0-5	0		

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Test not required by Alberta Transportation

PER: _____ 30-Jan-19
 DATE

Reviewed By: _____

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