

## WHITE PAINT – LOW TEMPERATURE ALKYD

				Supplier Name
				ENNIS-Flint
				EF810044
TEST METHODS			TOLERANCE	
Hiding Power	CGSB 1-GP-71(14.7)	(m <sup>2</sup> /l)	±10 %	3.85
Specific Gravity	ASTM D 1475	(25/25°C)	±0.050	1.492
Skinning	CGSB 1-GP-71(10.1)		NON	NON
Accelerated Storage Stability	ASTM D1309	(0-10)	±1	5
BYK Gardner Color Guide Model #6805	ASTM E313	Brightness	±5 %	82.15
		Yellowness (White)	±10%	5.6
Bleeding	ASTM D868, D969	(contrast)	±1	4
Abrasion Resistance	ASTM D968	(l/mil)	90 - 120 %	101.7
Abrasion Resistance	ASTM D4060	(mg)	90 - 120 %	-
Flexibility	ASTM D522	(mm)	±20 %	5.0
Drying Time(minutes)	ASTM D1640	Set to Touch	±2 min.	3.0
	ASTM D711	Dry to Traffic *	±20 %	17.5 <sup>1</sup>
Viscosity	ASTM D562	(Krebs)	±5	78
Non-Volatile Content	CGSB 1-GP-71(17.1)	(% wt.)	±2 % (absolute)	73.9
Pigment Content	CGSB 1-GP-71(21.1)	(% wt.)	±2 % (absolute)	58.0
Non-Volatile Vehicle	CGSB 1-GP-71(19.1)	(% wt.)	±2 % (absolute)	15.9
Particle Coarseness	ASTM D185	(% retained 45 µm)	±0.3 % (absolute)	1.06
Fineness of Grind	ASTM D1210	(Hegman)	±1	5.5
Water Resistance	ASTM D870		±1	9
Water Content	CGSB 1-GP-71(24.1)	(%)	±0.2 % (absolute)	-
Gloss	ASTM D523	(60°)	±3	3.1
Colour (Yellow)	CGSB 1-GP-12C	(505-308)	Match	-
Six Month Settlement	ASTM D869	(0-10)	5 min	5
Flash Point	CGSB 1-GP-71(3.1)			<4 °C

\* Dry to Traffic requirements are relative to the pre-qualified tender sample at the time of testing  
 Long dry times are expected when applying these formulations in colder temperatures (<10°C)

<sup>1</sup> Additional effort may be required to control tracking due to longer dry time.

<sup>2</sup> Winter storage may be a problem