

PAINT – WHITE ALKYD

TEST METHODS			TOLERANCE	SUPPLIER
				International Striping Products (ISP)
				WM220
Hiding Power	CGSB 1-GP-71(14.7)	(m ² /l)	±10 %	3.1
Specific Gravity	ASTM D 1475	(25/25°C)	±0.050	1.508
Skinning	CGSB 1-GP-71(10.1)		NON	NON
Accelerated Storage Stability	ASTM D1309	(0-10)	±1	7
BYK Gardner Color Guide Model #6805	ASTM E313	Brightness	±5 %	80.35
		Yellowness (White)	±10%	16.56
Bleeding	ASTM D868, D969	(contrast)	±1	2**
Abrasion Resistance	ASTM D4060	(mg)	90 - 120 %	110.7
Abrasion Resistance	ASTM D968	(l/mil)	90 - 120 %	
Flexibility	ASTM D522	(mm)	±20 %	0.0
Drying Time(minutes)	ASTM D1640	Set to Touch	±2 min.	2.8
	ASTM D711	Dry to Traffic *	±20 %	12.5
Viscosity	ASTM D562	(Krebs)	±5	88.0***
Non-Volatile Content	CGSB 1-GP-71(17.1)	(% wt.)	±2 % (absolute)	74.3
Pigment Content	CGSB 1-GP-71(21.1)	(% wt.)	±2 % (absolute)	59.0
Non-Volatile Vehicle	CGSB 1-GP-71(19.1)	(% wt.)	±2 % (absolute)	15.3
Particle Coarseness	ASTM D185	(% retained 45 µm)	±0.3 % (absolute)	0.94
Fineness of Grind	ASTM D1210	(Hegman)	±1	2.5
Water Resistance	ASTM D870		±1	8F
Water Content	CGSB 1-GP-71(24.1)	(%)	±0.2 % (absolute)	n/a
Gloss	ASTM D523	(60°)	±3	4.7
Colour (Yellow)	CGSB 1-GP-12C	(505-308)	Match	-
Six Month Settlement	ASTM D869	(0-10)	5 min	8
Flash Point	CGSB 1-GP-71(3.1)			-7.0

* Dry to Traffic requirements are relative to the pre-qualified tender sample at the time of testing,

**Additional effort may be required to control bleeding,

***Viscosity may be an issue.

Paint Table – White Alkyd – 2021

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