

Laboratory Paint Laboratory, Tata Motors Limited, Plot No.-1, Sector-11,
IIE SIDCUL, Pantnagar Works, Uttarakhand

Accreditation Standard ISO/IEC 17025: 2005

Discipline Chemical Testing **Issue Date** 22.08.2014

Certificate Number T-2265 **Valid Until** 21.08.2016

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. PAINTS & SURFACE COATINGS				
1.	Paint (all types of Paint)	Consistency	By B-4 Type Flow Cup IS 101 Part1/Sec 5: 1989	15 s to 100 s
		Non Volatile Matter	IS 101 Part 2/Sec 2: 1986	20% to 99.5%
2.	Sealer Sample	Viscosity	JASO M- 323-77 (Method A, Clause 9.5) (By Brookfield Viscometer)	20000 to 500000 (Centi Poise)
3.	Painted Panel	Dry Film Thickness	IS 101 Part 3/Sec 2: 1989	0.1 µm to 800 µm
		Specular Gloss (at 20° C)	ASTM D 523-2008 By Gloss Meter	20 GU to 100 GU
		Adhesion	ASTM D 3359-09 (Method B) (By Cross Cut Tape Method)	1B to 5 B (Qualitative)
		Resistance to Acid	IS 2932: 2003	Qualitative
		Resistance to Alkali	IS 2932: 2003	Qualitative
		Pencil Hardness	IS 101 (Part 5/ Sec 1)-1988	2 B to 6 H
		Resistance to Humidity	IS 101 (Part 5/ Sec 1)-1988	Qualitative

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