

Laboratory R K Laboratories & Testing Services, C-41, Manak Vihar Extn.,
Subhash Nagar, New Delhi

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7598

Page 1 of 1

Validity 25.07.2018 to 24.07.2020

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
-----	----------------------------	-------------------------	---	--

CHEMICAL TESTING

I.	PAINT & SURFACE COATING			
1.	Primer Red Oxide, Zinc Sulphate, Polyurethane Paint	Drying Time	IS 101 (Part 3 / Section 1)	5 minute to 48 hour
		Consistency	IS 101 (Part 1 / Section 5) (by B-4 Flow Cup)	15 s to 200 s
		Finish	IS 101 (Part 3 / Section 4)	Qualitative
		Dry film Thickness	IS 13213 (Annexure D)	10 µm to 600 µm
		Wet Film Thickness	IS 101 (Part 3 / Section 2)	5 µm to 80 µm
		Volume Solids	IS 13213 (Annexure D)	5 % to 100 %
		Scratch Hardness	IS 101 (Part 5 / Section 1)	Qualitative
		Flexibility & Adhesion	IS 101 (Part 5 / Section 2)	Qualitative
		Flash Point	IS 101 (Part 1 / Section 6)	15 °C to 70 °C
		Fineness of Grind	IS 101(Part 3 / Section 5)	5 µm to 100 µm
		Pot Life	IS 13213 (Annexure E)	30 minute to 8 hour
		Gloss at 60° incidence	IS 101 (Part 4 / Section 4)	5 % to 100 %
		Weight (in kg / 10 litre)	IS 101 (Part 1 / Section 7)	(1 kg to 20 kg) / 10 litre
		Resistance to Acid (Gloss Retention)	IS 13213 (Annexure F)	Qualitative
Resistance to Alkali (Gloss Retention)	IS 8664 IS 13213 (Annexure F)	5 % to 100 %		
Resistance to Chlorine (Gloss Retention)	IS 8664, IS 158, IS 13213 (Annexure F)	5 % to 100 %		
Non Volatile Matter	IS 101 (Part 8 / Section 2)	1 % to 90 %		