

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

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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<br>IS 13213 (Annexure F)                    | 5 % to 100 %                         |   |                            |
| Resistance to Chlorine (Gloss Retention) | IS 8664, IS 158,<br>IS 13213 (Annexure F)           | 5 % to 100 %                         |   |                            |
| Non Volatile Matter                      | IS 101 (Part 8 / Section 2)                         | 1 % to 90 %                          |   |                            |