



1-UP" Heavy duty chemical resisting Epoxy Paints

These are specially developed for protecting the plant and equipment's which are exposed to Sulfur, Chlorine and humid atmosphere, which is prevalent in Sulfuric acid plants, fertilizer factories and refineries etc. This paint dry fasts and offers excellent protective coatings for all destructive elements.

Technical Details.

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| 1) Mode of supply | : It is two-pack system with base Paint and curing agent being supplied Separately. |
| 2) Specific gravity | : 0.95 to 1.05 |
| 3) Color | : As required. |
| 4) Viscosity | : 60 to 80. |
| 5) Flash point | : 23 C |
| 6) Resistance to mineral acids | : Excellent. |
| 7) Resistance to organic acids | : Good. |
| 8) Resistance to Brine solution | : Excellent. |
| 9) Resistance to Alkali | : Excellent. |
| 10) Resistance to Solvents | : Very good. |
| 11) Resistance to Chemicals | : Excellent. |
| 12) Resistance to corrosion | : Excellent |
| 13) Solid volume fraction | : 0.45 |
| 14) Flexibility & Adhesion | : Excellent. |
| 15) Mixing ratio | : 3: 1
Base paint & Curing agent Respectively. |
| 16) Curing time | : 7 days. |
| 17) Film thickness per coat | : 20 to 35 microns per DFT. |
| 18) No of coats recommended | : 1 to 2 coats |
| 19) Surface preparation | : The surface must be sand or grit Blasted to profile of 30 microns. |
| 20) Scratch hardness | : 1,500 grams. |
| 21) Mode of application | : Base paint & curing agent must be Mixed thoroughly and kept for 30 minutes. Can be soared or brushed. |
| 22) Pot life | : 8 to 10 hr. |
| 23) Cans stability | : One year from date of manufacture. |
| 24) Recommended use | : It is highly recommended for painting Plant & equipment's in fertilizer Factories and platforms of off shore Oil drilling rigs. |

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KIRAN PAINTS PVT. LTD.

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Preparation: - Remove grease, oil and other contaminant preferably by using KIRAN greasing solvent. Blast clean to a minimum of sa2 1/2 Swedish standard SIS 055900 for severe corrosive conditions, blast to sa3 with a surface profile not exceeding 65 microns. If blasting is not practical make full use of mechanical tools on with manual chipping and wire brushing to remove loose rust and scale to St. 2 Swedish standard SIS 05 5900, Excessive burnishing of steel is to be avoided. Thorough dust down all surfaces, best results can be achieved if the manually cleaned surface is treated in metal conditioning solution. The surface should be clean and dry before application of finish paint over appropriate primer coat.

Application: -Stir base thoroughly and then mix three parts base and one part catalyst by volume to uniform consistency, allow the mixture to mature for 10 minutes and stir again before application and during use. Brush/Roller: Apply preferably without any Thinning. However, if required during application adds Thinner upped 5%. Airless Spray: Apply preferably without any Thinning. However upped 2% thinner may be added if absolutely essential having pumped ratio 40:1 tip size 0.48-0.68mm. Tip pressure 110-160Kg/Cm

Use off the mixed paint within the stipulated pot life period does not apply when temperature falls below 10 C or when relative humidity is above 90% or during rain, fog or mist. Brushes and spray equipment should be cleaned with Epoxy Thinner otherwise equipment is liable to be damaged. The information contained herein data sheet is based on believed to be reliable at the time of preparation The company is not be liable for loss or damage how so ever caused including liability for negligence which may be suffered by the user of the data contained hence it is the users responsibility to conduct all necessary tests to confirm the suitability of any product or system for their intended use.

Typical painting specifications

Surface		1 st Coat	2 nd Coat	3 rd Coat
Steel	:-	HB Coatings	Epoxy Enamel	Epoxy Enamel
Galvanized Iron and Aluminum	:-	Degrease and abrade the surface. Apply a coat of Wash primers followed by any of the above systems excluding the coatings coats.		

Notes

1. Use off the mixed paint within the stipulated pot life period.
2. Do not apply when temperature falls below 10 C or when relative humidity rises above 90% or during rain fog or mist.
3. Brushes and spray equipments should be cleaned with Thinner Otherwise equipment is liable to be damaged.

**THE ABOVE INFORMATION IS GIVEN IN GOOD FAITH AND
STOMER IS ADVISED TO TEST THE MATERIAL BEFORE USE**

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