



1-UP Heavy duty chemical resisting Epoxy P.U. 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. Having smooth surface as SS, Galvanize, Aluminum, 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 | : 80 to 100. |
| 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 | : 3.6 : 0.4
Base paint & Curing agent Respectively. |
| 16) Curing time | : 7 days. |
| 17) Film thickness per coat | : 30 to 35 microns per DFT. |
| 18) No of coats recommended | : 1 to 2 coats |
| 19) Approximate Spreading Rate | : 10.0 Sq. Mtr/Lt. |
| 20) Surface preparation | : The surface must be sand or grit
Blasted to profile of 30 microns. |
| 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. |

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

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