Wellcoat Paints
Manufacturer of Paints

Protective Coatings
Technical Data Sheet

Wellguard Epoxy Mastic ZP Grey/Red

A low VOC, two component polyamide cured high solids self-priming surface tolerant product intended for high build applications for steel surfaces. It is having excellent anti corrosive properties. At certain conditions it can be used as intermediate coat and topcoat.	**PRODUCT**

• Gives flexible, tough, abrasion resistance and scratch resistance film. • Zinc Phosphate based anti corrosive primer • Recommended for all types of steel surfaces • Low VOC • Surface tolerant primer cum topcoat	**FEATURES**

On steel surfaces, machinery, tanks, pipes, chemical plants, etc to protect from high impact and corrosive environment.	**RECOMMENDED USE**

Gloss : Low Sheen % Volume Solid : 82±2 (ASTM D2697–03(2021)) Mixing ratio : Base :Hardener = 4:1 (Volume) Wet Film Thickness : 190 - 250 microns Dry Film Thickness : 150 - 200 microns Thinner/Tool cleaner : Epoxy Thinner WT-4 Color : Grey & Red. Limited colors also available Method of Application : Airless spray, Conventional Spray, Roller, Brush, Sprinkler Pot life : 4 hrs at 30^{O}C deg Recoating interval : 8 hrs Theoretical Coverage : Approximately 8 m^2/lt at 100 microns DFT. Practical coverage : Allow appropriate loss factors Drying time @ 30^{O}C : Surface dry 1 hour Tack free dry 4 hrs Fully cured 7 days Pack size : 3.5 Litre, 20 litre (Hardener and base) Shelf Life : 1 year from the date of manufacturing	**SPECIFICATION & OTHER INFORMATION**

• Surface should be clean from all dust, rust, wax, oil, grease, loose particles, flakes and other contaminants. • Abrasive blast cleaning of the surface should meet minimum standard of SSPC-SP-10 OR Swedish standard Sa 2 1/2 – SIS 05 5900 or ISO 8501:2007. • Substrate temperature min: 8°C, max: 35°C • Surface to be recoat should be cleaned thoroughly before application. • Epoxy based products will tend to discolor and chalk on exposure to sunlight. • Should be coated with Superthane PU Topcoat for exterior durability .	**SURFACE PREPARATION & APPLICATION**

Airless Spray :	Nozzle size : 0.017 - 0.023 in(0.45-0.58 mm) Pressure at nozzle: 2500 - 2800 psi (175-200 kg/cm^2) Volume of thinner to be added : Maximum 10%	**APPLICATION METHODS**
Conventional Spray :	Nozzle size : 1.8 - 2.2mm (0.071 – 0.87 in) Pressure at nozzle : 40 - 50 psi (2.75 – 3.45 kg/cm^2) Volume of thinner to be added : Maximum 20%	
Brush /Roller :	Applicable for inaccessible area, corners and edges. Multiple coat may be required for desired film thickness. Volume of thinner to be added: 5 - 10 %	

Storage & Disposal	: Store in cool, dry condition. & dispose by controlled land fill as per requirement of statutory authority. Don't empty into drains, sewers or other water courses. Avoid part use from the Hardener pack & never keep the lid of hardener pack open. Avoid part use of the Hardener. It is filled in stoichiometric quantity	**STORAGE & HANDLING**
Shelf Life	: Upto 12 months under sealed condition.	

▪ Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use a barrier cream. ▪ Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapor or spray. ▪ This product is flammable. Keep away from sources of ignition. Do not smoke. Take precautionary measures against static discharge. In case of fire, blanket flames with foam, carbon-dioxide or dry chemicals. ▪ Eyes & Skin: In the event of accidental splashes, flush eyes with warm water & wash skin with mild soap and seek quick medical advice. Never use solvent for cleaning the affected areas. ▪ Inhalation & Ingestion: Move to fresh air, loosen collar. Don't induce vomiting.	**SAFETY PRECAUTIONS & FIRST AID**

The product information sheet is meant for general information of the product. Optimal performance by the product would be achieved on correct selection of paint & painting system, proper surface preparation & application. Unless specifically agreed in writing by us we won't be responsible for 100% performance of the product. Product information sheet would be subject to modification as & when product is modified/improved. Our endeavor would be to keep you abreast of change.	**DISCLAIMER**