

## Omega Two Pack Epoxy Primer

### Production Description

A two-pack epoxy primer containing non-toxic pigments. It is a specially designed primer to meet the requirements of industrial and marine environments. This primer can be top-coated with suitable undercoats and finishes based on epoxy and polyurethane for maximum protection. Chlororubber finishes are also suitable on this primer.

### Areas of Application

Structural steel, equipment, conveyors, storage tanks etc. in fertilizer plants, refineries/petrochemical complexes, Hydroelectric projects, Atomic energy establishments and heavy electrical engineering units.

### Technical Data

Colour	Grey and other Australian Standards AS2700 colours
Solvent Resistance	Great resistance against all types of solvent except only fair to acetone
Toxicity	Dry film is not toxic
Thinning & Clean Up	Omega GP Thinner or Omega M.E.K Thinner/ Use up to 10% thinner depending on weather conditions
Theoretical Coverage*	10 - 12 sq. m.per litre at 40 µm DFT / Depends on surface profile
Drying Time (at 25°C & RH 60%)**	Touch dry 1 - 2 hours ** / Recoat 16- 24 hours **
Mixing Ratio	3:1 (By Volume)
Pot Life (at 25°C & RH 60%)***	6-8 hours
Packs available	4 litre and 20 litre Packs

\*Practical coverage depends on surface profile, method of application and dry film thickness. Higher film thickness leads to lower coverage.

\*\* Cooler temperature, higher film thickness, or higher humidity conditions will lead to longer drying times.

\*\*\*Must use within the specified time otherwise the paint will start curing in can and will not be suitable for application anymore.

### Method of Application

Can be applied by spray, brush or roller. Please use the method best suited to your requirement and skill. The use of either a synthetic sleeve of 10-mm nap or a foam sleeve, both with phenolic cores on a smooth surface is recommended. For airless application, use optimum pressure of 2200 psi with tip size 0.013- 0.015 inches. The addition of aggregate may be added to the coating to provide a slip resistant surface. Slip resistance is recommended on sloping or steep surfaces

### Surface Preparation

**Steel & Galvanized Iron:** Blast clean the surface or sand thoroughly with emery paper to remove all rust and scale. If blast cleaning is not practical, use abrasive power tools to remove rust completely. Ensure that surface to be painted is free from oil, grease and other contaminants before priming.

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### Application

Stir the contents of base thoroughly before mixing with hardener in recommended ratio. Mix the two together and allow maturation for 15 minutes. Add recommended thinner in desired proportion. Apply uniformly ensuring adequate film build up.

### Flammability & Transport

- Highly flammable, Dangerous Goods Class 3.2, Flash Point 23 °C. BASE- UN 1263, PG III, HARDENER- UN 2206 PG III
- Keep away from heat and flame, eliminate any source of ignition.
- Soak all used cloths and rags immediately in water to prevent self-ignition.
- Ensure container is upright with lid secure.
- Ensure the container is secured in the vehicle for transport.

### Environmental

- Do not wash coating equipment and allow waste to enter drains and water ways.
- Do not dispose of unwanted coating and thinners that will enter drains and water ways.
- Refer to state EPA web site for disposal details.

### Safety & Precautions

- Do not apply when surface temperature is below 10<sup>0</sup> C or over 35<sup>0</sup> C
- Do not apply in environments of high humidity/moisture, or if pending rain is a possibility.
- Once two components are mixed, must use within its pot life as specified in earlier section
- Apply in calm fine weather conditions and only during daylight hours.
- Cease painting 2 – 4 hours before sunset or if weather changes are forecast.
- Do not apply early morning if dew or frost is present.
- Use only the recommended thinner for dilution and cleaning.
- Check paint colour to the colour chart/standard prior to application
- Provide adequate ventilation during use.
- Keep out of reach of children.
- Apply a test sample for compatibility of this product over a small test area.
- Always refer to SDS prior to commencement of application.

Disclaimer: In lieu of all warranties expressed or implied, the seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither the seller nor manufacturer shall be liable for any injury, loss, damage, direct or consequential, arising out of the use of or inability to use this product. Since the use and application of this product is beyond the control of the seller and the manufacturer, the purchaser and user assumes all risk and liability whatsoever, in connection with this product therewith.