



Omepoxy - Epoxy Floor Coating

Product Description:

Omega Omepoxy is a heavy duty two pack, polyamide cured epoxy coating for floors in areas subject to heavy wear, exposure to chemicals, solvents and other industrial fluids. Can be applied directly on bare concrete surface after proper surface preparation without any sealer. Ideally suited for floors in mechanical and chemical industries. Also suitable as finish paint on steel structures, pipelines and tankages in marine and chemical environments.

Areas Of Use:

Suitable for use on concrete and steel surfaces.

Technical Data:

| | |
|-----------------------|----------------------------|
| Colour | White, Black, Grey, AS2700 |
| Recoat | 16-24 Hours |
| Mix Ratio (by volume) | 3 Base : 1 Hardener |
| Pot Life: | 2 Hours at 25°C |

Coverage:

Theoretical Coverage: 8m²/l at 50µm. DFT depends on surface profile.

Preparation:

Concrete: Ensure that the surface is dry and free from dirt, moisture, contaminants like grease, oil, wax, moss, mold, dust or loose material. New concrete surfaces should be allowed to cure 4-6 weeks. All cracks and damaged areas should be repaired. Smooth trowelled concrete must be acid etched to ensure proper adhesion. Wash the surface thoroughly after acid etching to remove all traces of acid. Allow complete drying for 3-4 days.

Previously painted surfaces shall be subjected to thorough removal of loose & flaking paint. Oil, grease & other contaminants shall be removed by cleaning with mild detergent solutions and rinsed well with clean water. After preparation, touch up bare areas with Omega Omepoxy and allow to dry before following with two full coats. Test the adhesion & compatibility of this product over a small test area.

Application:

Stir the contents of Part A (Base) before mixing with Part B (Hardener) in the recommended ratio. Mix Part A and B together and allow 15 minutes maturation. Add Omega Epoxy Thinner in desired proportion (up to 10%) to suit the application. Apply two coats of finish uniformly.

Can be applied by spray, brush or roller. Please use the method best suited to your requirements. 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. Do not apply in high humidity or when temperature is below 10°C or above 30°C.

Dry Times: (at 25°C & RH 60%)

| | |
|------------|-------------|
| Touch Dry: | 6-8 hours |
| Recoat: | 16-24 hours |
| Full Cure | 7 Days |

Driveways and Garage Floors: Hot tyre pick up is a common problem with painted driveways and garage floors. Although the coating dries quickly, and can be walked on in a few hours, the coating needs to cure before allowing traffic onto the surface. Depending on the weather conditions, allow the paint to cure for at least 1 week before parking on the surface. Even then, if the vehicle has been driven a distance, and the tyres hot, park the vehicle on the roadway and allow 10 - 20 minutes for the tyres to cool, before parking on the painted surface.

Cleaning Of Equipment:

After each use, promptly clean all equipment with Omega epoxy thinner. Ensure that tools and equipment are thoroughly washed before the product has a chance to cure.

Safety and Precautions:

Read the Safety Data Sheet (SDS) for this product before use. The SDS contains important information on hazards, precautions, personal protective equipment, first aid, and safe handling instructions. To obtain a copy of the SDS, visit our website at www.omegaint.com.au or call our customer service line at (02) 9832 0000. Keep out of reach of children. Keep windows and doors open during use and while drying to ensure adequate ventilation. If swallowed, immediately call the Poisons Information Centre at - Australia: 13 11 26, New Zealand: 0800 764 766 or contact a doctor. Avoid contact with skin and eyes.

Mix and Colour Check:

Mix the paint thoroughly before application using a wide flat paddle (25mm) or a hand mixer with a perforated base. Mix in a circular lifting motion from the bottom of the container for 5 minutes or until the paint and colour are fully blended. Stir the paint every 2 hours to maintain consistency. Check the colour against the colour chart or standard before applying. For multiple containers, mix them together to ensure colour uniformity. During painting, replace and secure the container lid to prevent the paint from drying out.

Environmental

Do not wash painting equipment and allow waste to enter drains and waterways. Do not dispose of unwanted paint and thinners that will enter drains and waterways. Refer to state / local EPA and council websites for environmental and safe disposal details.

Disclaimer

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance, nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development

The technical information and suggestions for use and application are given in good faith. Since conditions of use are beyond the manufacturer's control, information contained herein is without warranty, implied or otherwise. The manufacturer does not assume any liability for any loss or injury resulting from the use of the product. Cooler temperature, higher film thickness and higher humidity conditions will require longer drying times