

TECHNICAL DATA SHEETS

PERMOGLAZE EPOXY SEALER

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| DESCRIPTION | Permoglaze Epoxy Sealer is a two-component solvent based polyamide- cured sealer for wood, concrete and Glass reinforced Polyester (GRP). It is formulated as a prime coat and can also be used as a finishing coat for internal application. It may be over coated with Permoglaze Epoxy Enamel and Permoglaze range of solvent based products. | | |
| CHARACTERISTICS | <ul style="list-style-type: none"> • Cures to a flexible, clear and glossy film with very good adhesion and abrasion resistance. • Enhances the adhesion of subsequent coating. Good resistance to aliphatic, aromatic solvents and some alcohols, gasoline and diesel oil. • Suitable for all types of properly prepared wood, concrete and GRP. Resistant to diluted acids and alkalis. • Can be diluted 10-15% by volume to impregnate concrete or wood surfaces. | | |
| COMPOSITION | Polyamide-cured Epoxy resin | | |
| SURFACE PREPARATION | All surfaces must be dry, free of dirt, dust, grease, oil and loose paint. Permoglaze Epoxy Sealer must be over coated within ± 12 hours of application for optimum inter coat adhesion. When hard cured, surface must be sanded to provide better adhesion of subsequent coats. | | |
| APPLICATION | Method | Brush, Air-Assisted & Short Pile Roller | |
| | Thinning | Permoglaze Epoxy Thinner | |
| | Dilution | Air Assisted Spray | thin to 10% by volume |
| | | Brush | Not Required |
| | | Short Pile Roller | Not Required |
| | Mixing Ratio (By Volume) | Base | 3 |
| | | Hardener | 1 |
| | Cleaning | Permoglaze Epoxy Thinner | |
| PRODUCT INFORMATION | Finish | Gloss | |
| | Shades | Clear | |
| | Spreading Rate | 8-10 m ² /liter/coat depending on surface porosity, ambient conditions, dilution and application | |
| | Drying Time | Touch Dry | ± 1 hour at 25°C in dry conditions |
| | | Hard Dry | ± 4 hours at 25°C in dry conditions |
| | | Recoating Times | 4-12 hours (without sanding) >12 hours (requires sanding before overcoating) |
| PRECAUTIONS | <ul style="list-style-type: none"> • Wear eye and hand protection as well as respiratory equipment. • Base must be fully stirred before adding the hardener. • Thorough stirring is necessary after the components are mixed. Cure is slow at low temperatures. • Heat increases reaction rate while shortening pot life and curing time. • Dilution increases pot life. | | |
| PACKAGING | Available in 1, 5 & 20 litres | | |
| STORAGE | Keep in a cool, dry place and away from heat sources. | | |

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SAFETY, HEALTH & ENVIRONMENT INFORMATION

- Flammable. Keep away from sparks, heat and naked flames.
- Handle with care
- Ensure good ventilation during application.
- In case of insufficient ventilation during painting, wear suitable respiratory equipment.
- Avoid contact with skin and eyes.
- If contact with skin occurs, wash well with soap and water
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.
- Keep out of reach of children.
- Do not use empty paint containers for storing foodstuffs.
- Do not throw paint containers or contents in the waterways or environment.
- Contains no added **Lead/Mercury/Nickel/Cadmium**.

For further information, kindly contact our Technical Information Service.

Note: This Technical Data Sheet is subject to change without prior notice.

DISCLAIMER

This data sheet is based on extensive lab tests and field use. However, if used under unspecified conditions, the performance of the product may differ. We can only guarantee the quality of the product as supplied in its original closed container.