

FORMINEX[®] EPOXY SANDING PRIMER

DESCRIPTION: FORMINEX-Marine Systems[®] Epoxy Sanding Primer is a high build, easily sanded primer/undercoat, especially formulated to achieve a high-build surface that has good filling properties. It is suitable for marine and general applications. Because it can be applied at up to 500 microns in a single coat (using suitable air pressure or airless equipment) this system can eliminate the need to successively re-coat to reach the desired build. This primer/undercoat can be over-coated with Forminex Supergloss or almost any top-coat.

USES: FORMINEX-Marine Systems[®] Epoxy Sanding can be used for Boat hulls after fairing, timber, steel, aluminium and GRP (fibreglass) and most marine situations prior to top coating. Other applications include Laboratory furniture and bench tops prior to hard surfacing and Building up male/female moulds in GRP applications. Many textured surfaces can also be coated with Epoxy Sanding Primer, providing a smooth surface ready for top-coating, eliminating the need to apply separate fillers.

NOTE: All metal surfaces should be first primed with FORMINEX E2 Epoxy Primer.

DIRECTIONS FOR USE: Spraying: No thinning is required when using industrial pressure pot or airless systems. Apply in a heavy single pass or wet on wet coats. When coating hulls, start from one point and work around the hull. By the time you reach the start point again the first coat should be sufficiently dry for a second coat to be applied. Build to 400 microns wet, approx. 270 DFT.

APPLICATION: FORMINEX-Marine Systems[®] Epoxy Sanding can be applied using Brush, quality medium wool roller or spray gun.

SPRAY: FORMINEX-Marine Systems[®] SANDING PRIMER/UNDERCOAT system is viscosity adjusted to be sprayed without thinning by airless or air pressure pot systems. Use a spray system designed for high build epoxies. FORMINEX-Marine Systems[®] Epoxy Sanding can also be sprayed with a conventional suction cup gun by thinning 5-10% with FORMINEX[®] Epoxy Thinners.

BRUSH/ROLLER: Can be brushed or rolled on by thinning 10% with Marine Systems[®] Epoxy Thinners.

Note: Thinning FORMINEX-Marine Systems[®] Epoxy Sanding will reduce the applied solids and therefore the build of the coating. Maximum possible build will be achieved using airless or pressure pot spray application.

WHEN TO PAINT: Ideal application temperature 15-25°C Avoid painting in direct sunlight, as this will cause paint to dry too quickly. Do not paint if air and surface temperature is likely to drop below 10°C during curing period, or during damp or high humidity conditions. Do not apply when ambient temperature exceeds 35°C or relative humidity exceeds 85%.

MIXING RATIO: Individually mix both base and hardener before combining in the mix ratio of 1:1 - Use one part resin to one part hardener by volume. Mix thoroughly using a wide flat bladed mixing tool or potato masher type stirrer. NOTE: The correct mixing ratio must be adhered to. Varying the mix ratio will not slow or accelerate the cure time but will decrease the physical properties of the cured system. Ensure both portions are thoroughly mixed.

THINNING: Use FORMINEX[®] Epoxy Thinners as previously described for application.

POT LIFE: 100gm mass will be usable for up to 6 hours at 20°C. Higher temperatures will shorten pot life.

COVERAGE: Theoretical (not allowing for losses). Three square m²/lt at 200 microns dry film thickness.

CURING: When mixed and applied correctly will cure overnight to a sandable state at temperatures down to 15°C. Cure will take longer if:- the film build is greater than 300 microns, it is applied directly to a cold surface, applied to a surface exposed to a cold air source, eg. outdoors overnight in winter. Ideally in winter coatings should be applied under cover and an external source of heat used to warm the immediate vicinity.

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Shipway Spescoat

A division of Topline Paint Pty Ltd

130 Halifax St. Adelaide S.A. 5000

Ph (08) 8223-1124 Fax (08) 8223-2045

Email: info@shipways.com.au

Web Site: www.shipways.com.au

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CLEANING EQUIPMENT: Uncured SANDING PRIMER/UNDERCOAT may be cleaned up with FORMINEX® Epoxy Thinners. Discard unused mixed product.

COLOUR: White.

SAFETY INFORMATION SUMMARY:

The following information is a general guide only. Industrial users (ie where the product is being used in the workplace) are legally required to have available a Material Safety Data Sheet on this product. If you are unsure if you have an MSDS on this product please contact Shipway Spescoat and one will be provided. MSDS's are also readily available from our web site www.shipways.com.au.

Safety Directions: **KEEP OUT OF REACH OF CHILDREN – DO NOT SWALLOW.** Breathing the vapour is harmful and may cause lung irritation. Avoid contact with skin and eyes. Wear suitable, protective clothing, eye protection and impervious gloves when mixing and using. Handling and usage of this product must be carried out under well ventilation conditions that prevent inhalation of vapours, dust or mist. Use the appropriate breathing equipment (refer to Aust Stand. 1716) when ventilation is restricted. Keep containers closed when not in use. Eliminate any source of ignition (open fires, pilot lights, furnaces, spark producing switches etc.) as this product is flammable. **DO NOT SMOKE.** Take precautionary measures against static discharges. Used clean up rags may spontaneously ignite. To avoid ignition immerse in water or store in a sealable glass container.

First Aid Instructions: If affected by inhalation, remove to fresh air. If breathing difficulty persists or occurs later, consult a doctor. If swallowed, **DO NOT INDUCE VOMITING** drink plenty of water and seek medical advice. Contact a Doctor of Poisons Information Centre (Phone 131126). If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. If irritation occurs seek prompt medical advice. Immerse contaminated clothing in water for 24 hours and do not use until laundered. In case of eye contact, hold eyes open and flood with running water for at least 15 minutes seek medical advice.

Leaks, Spills and Disposal: To prevent ignition of fumes product shut off all ignition sources. Contain or shut off leak if safe to do so. For large leaks or spills of volatile, flammable product, use respiratory protection, protective apparel and footwear. Spills should be absorbed either with rags (small spill) or dry sand/earth (large spill). In the case of flammable product spillage, use spark free implements to place rags or absorbed material into a solvent resistant container. Cover with water for 24 hours before disposal. DO NOT pour left over product down the drain – retain it in marked sealed container for future use or disposal through chemical waste collection programs. Dried empty cans can be recycled and should be disposed of via council steel recycling facilities.

Fire: Use foam and breathing apparatus. Avoid breathing products of combustion

Manufactured by : **SHIPWAY SPESCOAT**
130 Halifax Street ADELAIDE S.A.5000 Phone (08) 8223 1124 Fax.(08) 8223 2045
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