EPOTEC EPOXY BOG

TDS76-100

DESCRIPTION	A unique and novel two pack epoxy product for marine, industrial and architectural fairing, and filling where an epoxy is required. Has been formulated to exhibit similar fairing characteristics to light weight polyester systems but to have the cured superior adhesion, water resistance, and strengths of an epoxy.
TYPICAL USES	Repair of holes and cracks in Construction timber, Masonry, Plaster, Primed Metal and Cement. Marine and Industrial fairing and filling.
ENVIRONMENT	Interior/ Exterior
PERFORMANCE	Sands 12 hours @ 20°C. Exhibits good working time off the knife. Note: This system does not cure like polyesters (5-10 minutes) but requires approximately twelve hours to achieve a sandable state. This is necessary as the slowness is inherent to control exotherm with negligible shrinkage and allow a high degree of adhesion to the substrate. Prepare the surface as per COTEC specification.
LIMITATIONS	Not designed as a standalone product below the waterline but will give exceptional water resistance. Overcoat as detailed in on next page. Suitable for filling and fairing > 5mm. For Holes, Voids and Cracks 5mm+ refer to TDS EPOTEC TROWEALBE EPOXY.
TECHNICAL DATA	Resin: Epoxy Appearance: Dark Grey Primer: See over. Durability: Excellent Potlife: 30 mins @20°C Pack Size: 500ml, 1,4,8 litres Vol Solids: 100 percent Touch Dry: 10 hours @20°C Recoat Time: 12 Hours @20°C Number of Coats: 1 to 2 Theoretical Coverage: 0 m²/litre/coat Wet Film Thickness: 0 microns Dry Film Thickness: 0 microns
SPREAD RATE	First Coat: 0 - m²/litre/coat Practical spreading rates will vary depending on such factors as application method, ambient conditions and surface porosity and roughness.
PRODUCT CODES	76-100.005, .01, .04, .08
MIXING INSTRUCTIONS	Ensure the surface is clean, dry, and free of contaminants. Stir before use and always use clean tools. Clean tools immediately with EPOTEC 107 Thinner. 1. Measure out equal quantities by volume onto a flat board and mix thoroughly. Use a wide blade spatula and avoid entrapping air 2. Mix thoroughly to an even colour 3. Do not alter the ratio or you will experience a slower cure and lower physical strengths 4. Apply immediately to the clean, prepared substrate 5. Use a polyethylene scraper to wipe the EPOXYBOG onto the surface in thin layers. The wiping motion removes air bubbles.
APPLICATION	Refer to Cotec Information sheet PS-C024 USE AND PREPARATION FOR EPOXY FILLERS and the issued Cotec specification for surface preparation and Priming requirements. **CLEAN UP** Epotec 107 Thinner

APPLICATION NOTES	1. DO NOT add solvent to the mixed EPOXYBOG as this will be entrapped in the cured system, and will weaken it 2. CAUTION Because of its consistency, this is an unfiltered product. Whilst the raw materials conform to narrow specifications, some discreet particles may be evident. These will sand easily, and over coating with a 2-component epoxy sanding sealer is recommended. 3. Epoxy resins and their curing agents will cause skin sensitization if in continuous contact. Use disposable plastic gloves to avoid skin contamination. 4. Epoxy solvent should never be used to wash hands. 5. If resin encounters skin, wash uncured resin off with soap and water. 6. Wear safety glasses to avoid eye contamination. The exceptional rheological properties allow the mixed material to be applied to vertical and inverted surfaces in thick film. Working time is excellent, so larger mixes are possible. Ensure EPOTEC EPOXY FILLER is thoroughly dry before sanding or applying paint.
ENVIRONMENTAL	This formulation uses the latest technology with low toxicity, ensuring environmental issues are not compromised. DO NOT POUR paint or wash down storm water or water courses. ALWAYS dispose of in accordance with local Government regulations. Soak up spills with absorbent material and dispose of properly. If spraying use suitable respiratory protection. Refer to the MATERIAL SAFETY DATA SHEET

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