

SOLIDGUARD 230

High Build Epoxy Tar Coating

Solvent free heavy-duty epoxy tar with brilliant chemical resistance and grip.

BENEFITS:



Excellent chemical resistance



Good impact resistance and flexibility



Solvent free, no impulsive fumes



Cures at low temperatures. Can be used as a mortar for paving with the addition of aggregate

APPLICATIONS:

- Highly chemical resistant epoxy coating.
- Linings of storage tanks, sewerage plants, effluent sumps and pumps.
- Coatings on steelwork machinery, piping, concrete structures, floors and woodwork.
- Any surface one wishes to protect against attack by corrosive chemicals and gases; mixed with aggregate for road paving.

SUBSTRATE REQUIREMENTS

All surfaces to be clean, dry and sound in accordance with Solidkote surface preparation specification for the substrate to be coated. Abraded surfaces improve adhesion. Holes in the concrete substrate to be filled with Solidbond 110 an epoxy putty or mortar. Holes in wood or steel to be filled

TECHNICAL DETAILS

No. of components	2
Mixing Ratio	1:1 Epoxy: Activator
Pot Life @ 25°C	45 min
Cure Time-Touch Dry	6-8 hours
Practical Dry	24 hours
Full Cure	7 days
Applied by	Brush/Roller
Theoretical Coverage	3-4 m ² / L
Application Temperature	Min 10°C Max 30°C
Temperature Resistance	60°C Wet 80°C Dry
Recommended no. of coats	2
D.F.T per coat @ 4m ² / L	250 microns
Overcoat time	8 hrs min/48 hrs max
Volume solids	100%
Shelf life	12 months

with Solidbond 20S. Mechanically prepared surfaces to be primed with Solidkote UP Primer.

APPLICATION

Stir the contents of the two containers well. Using volumes strictly in accordance with the given mixing ratio, mix the contents of the two containers together for 5 minutes using a flat piece of wood or spatula. On areas continuously wet or where fats, oils or grease are present, a non-slip surface can be provided by sprinkling an amount of aggregate to the uncured primer or first coat. Before over coating, sweep off excess aggregate with a stiff nylon broom. Should over 18hrs have elapsed between coats, abrade the surface and wipe with Epoxy Thinners. If the material is left in the container it will become

unusable within half an hour. Do not apply if relative humidity exceeds 85%.

HEALTH AND SAFETY

Please consult Safety Data Sheets for each product.

WARRANTY

Technical Finishes products are manufactured under high quality standards and are warranted against defective materials and are sold subject to standard Terms and Conditions of Sale, copies of which can be obtained upon request. Technical Finishes deals with approved applicators and carry a back to back warranty with these clients. Technical Finishes cannot be held responsible for the workmanship in surface preparation and application of our products, it is understood that the approved contractor will guarantee such workmanship and application. It is vital that the application is done in accordance to our specification.

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