

SOLIDGUARD 88

CHEMICAL RESISTANT EPOXY STEEL COATING

DESCRIPTION

Solidguard 88 is a rapid curing chemical resistant high solids epoxy primer and topcoat. Provides excellent adhesion and corrosion protection to mild steel. Can be used as a primer, intermediate or finish coat on steel and has excellent recoat window for overcoating with epoxy or polyurethane topcoats. Ideal for tanks exposed to extreme conditions in the pulp and paper industry, sugar industry, mining industry, petroleum industry, Acid processing plants and tank farms.

Benefits:

- Excellent adhesion to steel.
- Low temperature cure.
- Extremely tough and crack resistant.
- Excellent corrosion barrier.

Uses:

- Ideal for protection of steel tanks, equipment bases, floors and drains against aggressive chemicals.
- Tank farms and chemical storage tanks.
- Priming of steel prior to applying ceramic tiles for added corrosion protection.

Substrate requirements:

Surfaces to be coated must be clean and free of dust, oily residues and loose friable material. All steel surfaces to be abrasive blast cleaned to SA2.5 (ISO 8501-1:2007). If oxidation has occurred between blasting and application, the surface must be reblasted. Surface defects revealed by blasting, should be ground and filled with Techfin GP Epoxy paste.

Application

This is a specialized system that must be installed by an approved applicator.

Mixing

Materials are supplied as 2 components. Epoxy Part A and Hardener Part B. Mix ratio is 4:1 by volume. Add components together and mechanically mix for 2 minutes. Use within 60 minutes.

Application

Short hair mohair roller or airless spray. If airless spray is used recommended spray nozzle is 15 – 21 thou or 0.38 – 0.53mm with 2000 psi pressure. Thinners: Only use Solidkote 505 epoxy thinners if necessary.

TECHNICAL DETAILS

Application	Roller or Spray
Finish	Gloss
Profile	Smooth
Solids	70%
Application Temp	5 - 30°C
Spread rate	8 m ² /L
Dry film thickness	80 micron
Surface dry at 25 deg C	45 min
Over coat	Min 6hrs, Max 7days
Mix Ratio	4:1 by volume
Colour	Various standard

CHEMICAL RESISTANCE

Consult Technical finishes' technical department for details.

Health and safety

They system contains styrene and all appropriate PPE must be worn. Please consult Health and Safety Data sheets for each product.

Technical Finishes products are guaranteed against defective materials and are manufactured under high quality standards and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.