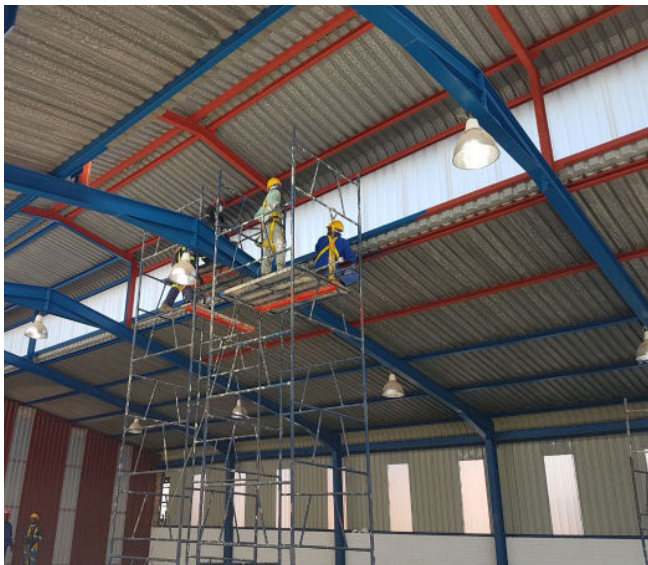


SOLIDGUARD 88

Chemical Resistant Epoxy Steel Coating



Solidguard 88 is a rapid curing, chemical resistant, high-solids epoxy primer and topcoat. Provides excellent adhesion and corrosion protection to mild steel.

It can be used as a primer, intermediate or finish coat on steel and has an excellent recoat window for overcoating with epoxy or polyurethane topcoats.

UNIQUE PRODUCT BENEFITS

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

TECHNICAL DETAILS

Application	Roller or spray
Chemical Resistance	Consult Technical Finishes' technical department for details.
Finish	Gloss
Profile	Smooth
Solids	70%
Application Temperature	5 to 30°C
Spread Rate	8 m ² / L
Dry Film Thickness	80 microns
Surface Dry @ 25°C	45 min.
Overcoat with PU	Max 7 days
Overcoat with Epoxy	Max 3 months. Ensure surface is washed / solvent wiped
Dry Film Thickness	80 µm @ 8 m ² / L
Recommended	Primer + 2 top coats
Mix Ratio	4:1 by volume

PRODUCT COLOUR RANGE:



*Product colours may differ from the ones shown above. For a full colour chart or for samples, contact your nearest Technical Finishes branch. UV exposure yellowing is more prominent in light colours yet does not affect performance.

Leading manufacturers of specialist epoxy and polyurethane flooring systems, specialised construction and corrosion protection products.

Distribution facilities nationwide

Western Cape +27 (0)21 535 4455	Eastern Cape +27 (0)41 451 3944	Gauteng +27 (0)11 822 7242	KwaZulu-Natal +27 (0)31 705 7733
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info@technicalfinishes.com • www.technicalfinishes.com



TECHNICAL FINISHES
SPECIALIST FLOORING AND CONSTRUCTION SOLUTIONS

APPLICATIONS:

- Ideal for the protection of steel tanks, equipment bases, floors and drains against aggressive chemicals.
- Protection of steel water pipes.
- Tank farms and chemical storage tanks.
- Priming of steel prior to applying ceramic tiles for added corrosion protection.
- Ideal for tanks and pipes exposed to extreme conditions in the pulp and paper industry, sugar industry, mining industry, petroleum industry, acid processing plants, etc.

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 SA 2½ (ISO 8501-1 :2007). If oxidation has occurred between blasting and application, the surface must be re-blasted.

Surface defects revealed by blasting, should be ground and filled with **Solidbond QSP** epoxy paste.

If ceramic epoxy is applied after 7 days, ensure that the surface is degreased, clean and dry and preferably solvent wiped with Epoxy or Lacquer Thinners.

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

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

Short hair mohair roller or airless spray.

If airless spray is used, recommended spray nozzle is 15 - 21 thou or 0.38 - 0.53 mm with 2000 psi pressure.

Thinners: Only use approved epoxy thinners if necessary.

HEALTH AND SAFETY

The system contains styrene and all appropriate PPE must be worn.

Please read Safety Data Sheet and specific health and safety data for this product provided in compliance with the requirements of OHSA No.85 of 1993. The finished system is not hazardous to health or the environment.

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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