

# SOLIDKOTE STP PRIMER

## Surface Tolerant and Damp Tolerant Primer

Solidkote STP Primer is a two component, solvent free, epoxy based, concrete primer with excellent low temperature cure and moisture tolerance.

### UNIQUE PRODUCT BENEFITS

- Ability to cure at low temperatures, 5°C.
- Excellent adhesion to concrete, mineral and metal substrates.
- High chemical resistance.
- Rapid installation and overcoat time.
- Solvent free.
- Damp tolerant to 98% moisture.

### APPLICATIONS:

- Epoxy primer and base coat for concrete substrates.
- Can be applied to shot blasted steel to be used in conjunction with **Solidguard HCP** topcoat.
- Can be applied on "green" damp concrete with excellent cure and adhesion.

### INSTALLATION

This is a specialized system that must be installed by an approved applicator with documented quality assurance. Consult Technical Finishes for list of approved applicators.

### TECHNICAL DETAILS

Application	Roller
Mix Ratio	2 : 1 by volume
Flexural Strength	> 15 N / mm <sup>2</sup>
Finish	Gloss
Bond Strength	> 1.5 MPa
Application Temperature	5 - 30 °C
Tensile Strength	56 MPa
Service Temperature	70 °C max dry
Hardness	80 Shore D
Dry Film Thickness	250 micron
Coverage	4 m <sup>2</sup> / L
Colour	Amber Brown
Walk on Time	12 hrs at 20 °C
Full Cure	7 Days
Overcoat Time	Min 5 hrs / Max 24 hrs
System Details	Solvent free two component epoxy

### SUBSTRATE REQUIREMENTS

Screed and concrete substrates to be coated must be clean and free of dust, oily residues and loose friable material. All surfaces to be suitably prepared using grinders, shot blasting or scarifiers to remove laitance. Substrate must be a concrete screed Grade 2 evenness and must be a minimum of 20 MPa compressive strength and must have a tensile pull off exceeding 1.5 MPa.

**Leading manufactures 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



info@technicalfinishes.com • www.technicalfinishes.com



**TECHNICAL FINISHES**  
SPECIALIST FLOORING AND CONSTRUCTION SOLUTIONS

## HEALTH AND SAFETY

The system is solvent free and non-flammable but requires normal PPE equipment during application.

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.

***Leading manufactures 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



**TECHNICAL FINISHES**  
SPECIALIST FLOORING AND CONSTRUCTION SOLUTIONS



info@technicalfinishes.com • www.technicalfinishes.com