

# SOLIDKOTE 401

General Purpose Clear, Low Viscosity  
Penetrating Epoxy Sealer or Laminating Resin

A liquid structural epoxy, medium viscosity, two component epoxy used in general construction and flooring applications. Excellent glass fiber laminating epoxy for structural uses.

## UNIQUE PRODUCT BENEFITS

- Excellent chemical resistance
- Excellent mechanical and physical properties
- Solvent-free, low viscosity and excellent adhesion on concrete

## APPLICATIONS:

- Used for rigid concrete crack injection, encapsulating or casting compound
- Can be used to saturate, seal and strengthen surfaces such as wooden boats
- Can be used for glass fiber laminating epoxy
- Excellent concrete primer
- Excellent high build clear coat

## SUBSTRATE REQUIREMENTS

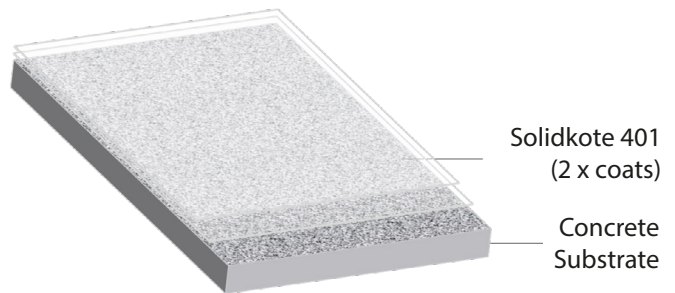
Surfaces to be coated must be clean and free of dust, oily residues and loose friable material. All surfaces to be suitably prepared using diamond grinders to remove laitance. The substrate should dry to 75% RH (BS8204). Moisture readings on concrete must be less than 5%.

## INSTALLATION:

This is a specialized reactive epoxy resin that must be used in accordance with its physical performance criteria. Consult Technical Finishes technical department for further advise.

## TECHNICAL DETAILS

Compressive Strength	> 80 MPa
Tensile Strength	> 50 MPa
Elongation	> 3%
Application	By roller or brush, applying the coats wet on wet until fully absorbed
Mix Ratio	2 : 1
Pot Life	25 min @ 20°C
Colour	Clear
Application Temperature	10 to 30°C
Service Temperature	60°C max (dry)
Practical Cure	18 hrs
Full Cure	7 days at 20°C



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

Distribution facilities nationwide

Western Cape

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## HEALTH AND SAFETY

The system is solvent-free and non-flammable but may be hazardous during mixing and application.

Please read Safety Data Sheet and specific health and safety data for this product provided in compliance with the requirements of OHS Act 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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## APPLICATIONS:

- Bullet

## SUBSTRATE REQUIREMENTS

Text

## PREPARATION

Text

## PRIMING

Text

Less than 5% Prime with either:

Text

Greater than 5% Text

Text

## INSTALLATION:

Text

### *Mixing*

Text

### *Placing*

Text

## SEALING

Text

### *Sealing specifications include:*

**Retail High Traffic:** Text

**Commercial Foot Traffic:** Text

**Residential:** Text

## MAINTENANCE

Text

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