

# TILE REPAIR RESIN

An Ultra Low Disturbance  
Building Solution

SOAKS UNDER TILES  
STOPS MOVEMENT

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## Introduction

Epoxy Primer/Consolidator is a liquid epoxy two part resin designed to provide a bond for ceramic tiles to screed or concrete, to seal internal surfaces and to consolidate and fill up cracks and voids. It is used in conjunction with Epoxy Cleaner, which acts as a wetting out agent to help the resin spread under tiles.

Epoxy Primer/Consolidator can also be used as an injectable sealant and consolidator, to fill fine cracks and voids.

## Special features

- Easy to apply from a syringe into opened up grout joints
- Can be injected directly into tiles via a drilled hole
- Very low odour
- Non shrink up to 150C
- Self levelling
- Contains no solvent or water

## DESCRIPTION

Epoxy Primer/Consolidator is a honey coloured two pack epoxy liquid which can be applied to all types of masonry. It does not contain solvent or water, so can be applied to difficult substrates: for example, self-levelling compound and anhydrite screeds.

## TECHNICAL DATA

### Active Substance/Other

BPF/BPA Epoxy Resins and Cycloaliphatic amine, Alkiglycidylether. Mix ratio 2:1 - that is 2 units of Part B, Base, mixed with 1 unit of Part A, Activator) - **Do not vary the mix ratio because the product will not harden.**

### Data

Tensile strength (MPa) – 39, Flexural strength (MPa) – 65, Compressive strength (MPa) >50

### Classification/Aggressivity

Irritant/None known

### Coverage

Smooth surface - max. 10sq.m/litre @ 100 microns thick

### Pot Life when mixed (min temp. 10C)

10 minutes at 15C, 30 minutes at 10C  
Self heats once mixed, use immediately.

### Drying/Curing (min temp. 10C)

Touch dry - 4 hours, Hard Dry - 16-20 hours, provided that the temperature is 15 – 20C.

## USES

For repairing floor tiles and filling hollowness and gaps under tiles.

## PREPARATION & METHOD

Cut out the grout and vacuum to remove dust. A small diamond wheel may be used. Drizzle Epoxy Cleaning fluid into the gaps. Mix the two Epoxy Primer/Consolidator components very thoroughly (for part mixes measure in the correct ratio using accurate scales: 2 Parts Base to 1 Part Activator – mix for 3 minutes min.) Transfer the mix to another clean pot and re-mix. (Double pot mixing ensures that product adhering to the walls and bottom of the pot are not left to form a weak sticky surface residue after curing). Ensure that the temperature is above 5 degrees Centigrade, or pre-warm the materials, otherwise curing may be delayed or prevented. Wear disposable gloves at all times when handling epoxy products. Draw the Epoxy mixture into an empty 50ml syringe (no needle) and then, whilst the Epoxy Cleaner is still damp, 'drizzle' the resin into the grout gaps. Do not fill the gaps – leave room for re-grouting. Top up if the resin disappears from the base of the joint.

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