

# CHEMfix 34

Multi Purpose, High Strength, Epoxy Adhesive & Repair Mortar

## Description

**CHEMfix 34** is a two-component epoxy resin adhesive, bedding and grouting system supplied as Part A and Part B. The smooth putty consistency makes the product ideal for minor concrete repairs and reprofiling. A thixotropic but easily workable compound cures to give high mechanical properties and offers resistance to oil, grease, petroleum, salts, dilute acids and alkalis.

## USES

- Used as a gap filling adhesive.
- Used as a repair mortar for honeycombed concrete.
- Used for surface repairs of fine cracks and spalls.
- Used as a bedding and grouting mortar for tiles.

## Typical Applications & Advantages

- Tenacious bond.
- Versatile.
- Easy to use, putty consistency.
- Non-slump, rapid cure.
- Non shrink.
- Minimal waste.
- Excellent chemical resistance.
- High mechanical strength.
- High impact resistant.
- Repairing honeycombed concrete.
- Bedding bridge bearings.
- Fixing of brick slips.
- Gap filling adhesive.
- Filling bolt pockets.
- Bedding and grouting tiles.
- Repairs to GRC panels.
- Overhead repairs.

## TECHNICAL INFORMATION

Density	: 1900 kg/m <sup>3</sup> @25±2°C
Water Permeability	: Nil
Chemical resistance	: Excellent
Pull-off Strength	: 0.88N/mm <sup>2</sup>
Colors	: White & Grey

## Standards Compliance

**CHEMfix 34** complies with the requirements of the following standards:  
DIN 1048: 1990 Part 5.



# Technical Datasheet

## Instructions for Use

Surface Preparation: Ensure surfaces are clean, dry, and free from dust, dirt, oil, grease, laitance etc.

## Mixing

**CHEMfix 34** may be easily mixed with a slow speed drill and mixing paddle. Mix Part A and Part B thoroughly in a pliable polyethylene beaker or similar to ensure uniform mixing to achieve the right consistency. Part mixing of units is only recommended for non-adhesive applications. To avoid waste, only mix sufficient material for the work in hand.

## Application

Apply **CHEMfix 34** by palette knife or trowel to the required level. The use of a little solvent on the knife or trowel will aid application. Where deep recesses are to be filled, apply **CHEMfix 34** in layers of 25 - 40mm to required depth.

## Coverage Rates:

A 3 kg unit will cover an area of 1.6 m<sup>2</sup> @ 1 mm thickness. Consumption will vary according to the texture and profile of the concrete being repaired.

## Cleaning:

Clean tools and equipment immediately after use with **CHEMfix Solvent No.1**. Once cured **CHEMfix 34** can only be removed by mechanical methods.

## Packaging & Storage

**CHEMfix 34** is packed in 3 kg units and it has a minimum shelf life of 12 months provided it is stored under cover, out of direct sunlight.

## Health & Safety Precautions

**CHEMfix 34** does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately – do not induce vomiting.

For further information, refer to the Material Safety Data Sheet available for this product.

## Important note

**CHEMfix** endeavors to ensure that the technical information contained herein is true, accurate and represents our best knowledge and experience. No warranty is given or implied as **CHEMfix** has no control over the condition of use and the competence of any labour involved in the application are beyond our control.

## Cleaning

Utilize clean water for cleaning of equipment and tools.

## Technical Support

GIC provides a comprehensive technical support service to specifiers, end users and contractors and is able to offer on-site technical assistance.

The information and recommendations above are given in good faith based on our current knowledge and experience of the products when properly stored, handled and applied in accordance with current best practice, national standards and our recommendations. As we have no control over site conditions or methods of application, no liability can be derived from the contents of this information sheet, or from any written recommendations, or from any other advice offered. The user of the product is solely responsible for the product's suitability for the intended application and is recommended to test the suitability prior to use. We reserve the right to change the properties of our products without notice. All orders are sold subject to our current terms of sale and delivery. With the publication of this Technical Information Sheet all previous editions are no longer valid.

82, Great Eastern Street London EC2A 3JF. UK. Tel: 02-07-2477775 - 07-811155379 (Associated Company of I-Courier)  
E-Mail: [info@chemfix.org](mailto:info@chemfix.org) Web Site: [www.chemfix.org](http://www.chemfix.org) ,  
[www.chemfixnigeria.com](http://www.chemfixnigeria.com)