

## Ci75 Crack Prevention System, 8 & 15 litre



### DESCRIPTION:

StoneFix Ci75 is a water based, low odour, highly flexible acrylic based adhesive for laying crack isolation matting and insulation boards to most common substrates including anhydrite screeds and green chipboard. StoneFix Ci75 is not filled and extended offering long term performance, flexibility and can be used over underfloor heating systems

### FEATURES:

- Highly Elastic
- Anhydrite / Concrete Screeds
- Chipboard / Plywood
- Easy to Use
- Ceramics / Melamines / Vinyls
- Underfloor Heating



FM 54357

### CONTACT DETAILS:

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## PLEASE NOTE

DO NOT apply in temperatures below 5°C or above 25°C, to areas in direct sunlight or to substrates that are hot.

## PREPARATION

Ensure surfaces are solid and load bearing, clean, dry and free from dust, oil, grease, laitance and other contaminants that could prove to be a barrier to adhesion. Heavily contaminated floors may require special treatment and specific advice should be sought. Generally substrates such as anhydrite screeds are best prepared by mechanical methods such as shot blasting, planning or scabbling. The substrate must be vacuumed cleaned prior to application.

## PRIMING

All concrete and screed surfaces require 1-2 neat coats of StoneFix acrylic primer.

### Anhydrite Floor Screeds

The substrate must not leach moisture. Anhydrite screeds must not have a moisture content greater than 0.5% or 75% relative humidity (RH) is required. This can easily be tested with a hygrometer. Once the screed has dried it is essential that surface laitance is removed. This is achieved by scabbling, followed by vacuum cleaning to remove any dust, then followed by 1-2 neat coats of StoneFix Acrylic Primer.

### Chipboard & Timber

The surface should be prepared to provide a rigid and secure base without deflection and suitable to support the intended weight. Tongue and groove / chipboard must be 22mm thick, dry, rigid and securely fixed and screwed to joists at 300mm centres. Overlaid timber floors must be over boarded with exterior or marine grade plywood with a minimum thickness 15mm. All boards must be screwed at 300mm centres and the reverse face and edges of the boards must be primed with StoneFix Acrylic Primer, to prevent the ingress of ambient moisture while the exposed face should be unprimed and clean.

### Ceramics & Plastics

Ensure the surfaces are solid and load bearing, clean, dry and free from dust, oil, grease and other contaminants that could prove to be a barrier to adhesion.

## APPLICATION

Apply the ready mixed adhesive to the prepared surface with a trowel and comb through with a 2-3mm notched trowel in straight ribs to create a ribbed adhesive bed. StoneFix crack isolation mat or StoneFix insulation boards should then be laid onto the adhesive while it is still tacky. Position and align the StoneFix crack isolation mat or StoneFix insulation boards by pressing firmly into the bed of adhesive. If the cut ends of any mat begin to curl because of tension from having been in a roll, it may be advisable to weight or tape down such ends until the adhesive has cured.

## COVERAGE

1 litre of product will cover approximately 2.5 to 3m<sup>2</sup>.

Coverage is dependent on the application technique and substrate and this calculation is therefore only a guide.

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## TECHNICAL DATA

Application temperature:	5°C to 25°C
Service temperature range:	-15°C to +75°C
Bed thickness:	2-3mm
Open time:	15 mins at 20°C
Light traffic:	Porous: 30 minutes at 20°C
Non Porous:	1 hour at 20°C
Next works:	Porous: 1 hour at 20°C
Non Porous:	24 hours at 20°C
Set time:	24 hours at 20°C
Fully load bearing:	24 hrs at 20°C
Shelf life:	18 months in cool dry area
Sizes:	8 & 15 litre

## PACKAGING & STORAGE

StoneFix Ci75 is packaged in an 8 & 15 litre tub. When stored unopened in a dry place at temperatures above 5°C, shelf life is 18 months from date of manufacture.

## HEALTH & SAFETY INSTRUCTIONS

- Viscous paste.
- Irritating to skin.
- Risk of serious damage to eyes.
- Keep out of reach of children.
- Avoid contact with skin and eyes.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.
- Wear suitable gloves and eye / face protection.
- If swallowed, seek medical advice immediately and show this container or label.

For further information, please request the material safety data sheet for this product.

## QUALITY CONTROL

All StoneFix products are factory blended, tested and packaged to quality control procedure in accordance with BS EN ISO 9001 series.

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