

Thermexx / M3 Adhesive

For ceramic tile and natural stone veneers.

Colour: White liquid and grey dry components.

Technical Data:

Appearance: Cement Grey when mixed.
Shelf Life: 2 years for wet and 1 year for dry component in original unopened packaging stored in dry conditions at temperatures not exceeding 30°C

Temperature Range For Application: from 5°C - 35°C
Maximum Thickness: 5 mm
Minimum Thickness: 3 mm
Pot Life: Up to 3 hours
Adjustment Time: >30 mins
Open Time: >30 mins
Mixing Rates: 1:1 By Volume
Grouting: 3-6h (vertical) 24-48h (horizontal)

Applied Characteristics:

Adhesion to concrete after 28 days:	> 2.0MPa
After water immersion:	> 2.0MPa
After freeze/thaw cycling:	> 2.0MPa
Compressive strength after 28 days	>25.0MPa
Flexural strength:	>10.0MPa

All technical data and applied characteristics values were measured at standard laboratory conditions of (23±2)°C and (50±10)%RH.

Areas Of Use:

A formulated, two component, high deformability, high resistance adhesive suitable for laying up to a thickness of 5 mm. For use with all types of absorbent and non absorbent ceramic tiles and natural stone veneers.

Product:

A modified acrylic polymer emulsion, cement and fine sand adhesive.

Application:

Horizontal Concrete Surfaces (clean)

Over "green" slurry coat of let down adhesive mix.

Horizontal Surface over acrylic water proofing membrane (Chevaline Dext or similar)

Apply direct to clean(ed) surface.

Vertical Cement Based Surfaces

Over "green" slurry coat of let down adhesive mix.

Vertical Cement based surfaces requiring waterproofing

Over Chevaline Epistixx sand/cement slurry prepared surfaces. (refer Equus Industries Ltd)

Coverage:

0.25m²/litre of mixed adhesive at 4 mm thickness

Health and Safety:

Thermexx Adhesive is a non-flammable emulsion based product and is non toxic, and safe to handle. The normal precautions for skin care, and inhalation protection when handling cement base materials should be observed.

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