



Technical Data Sheet

Ecotile FXE

Advance Water-Resistant Tile adhesive

Description

Ecotile FXE is an Interior and exterior tile adhesive, suitable for bonding all types of ceramic tiles on floors and walls.

Ecotile FXE complies with BS EN 12004: 2001, Type C2E for tensile adhesion strength.

Applications

- For permanent fixing of all types of ceramic tiles.
- Can be used internally and externally.
- Suitable for high absorbent substrate.
- Suitable for all kinds of absorbent natural stones.
- Suitable for bathrooms and kitchens and wet areas.
- Non sag can be used for vertical walls and floors.

Advantages

- Extended open/ wet time.
- Water resistant will not be affected in wet areas.
- Ready for use, just requires the addition of water.
- High sag resistance
- High bond strength.
- Suitable for internal and external

Applicable Standards : EN 12004:2007; EN 1346,1348 EN 196 - 1, 2, C2 E, ANSI118.4

Technical properties

Property at water/powder ratio: 0.22 @ 25°C

Color	Grey or white
Consistency	Thick paste or mortar
Fresh wet density (mixed):	1.6-1.8 g/cm
Open time at 3mm thickness	10 -15 minutes
Tensile adhesion strength	≥ 1.0 N/mm ² (EN 1348)
Pot Life:	2 hours
Application resistance	≤ 0.5 mm (EN 1288)

Method of use

Surface preparation

All surfaces must be clean and free from oil, grease, or loose materials.

Substrate should dimensionally stable. Allow time for shrinkage and structural strain movements.

Priming

Ecotile FXE can be applied directly on concrete, cement plaster, screed and cement or line mortar.

Prime gypsum boards with Ecobond AC diluted with water at a ratio of 1:2 by volume.

Mixing

To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used.

5.25-5.75 liters for each 25kg bags of clean water should be added to clean container. The powder is then added slowly to the water while mixing continuously with low speed mixer/drill (400 – 600rpm).

Mixing time should be continued for 3 minutes until a uniform consistency is obtained.

NOTE: Do not try to remix the product after losing its workability by adding more water.

Application

- Spread to a uniform thickness of 2 to 3mm.
- Comb horizontally.
- Place tiles firmly over the applied area.
- Do not apply large areas of adhesives that cannot be covered within the open wet time of the adhesive.

Theoretical Coverage

Approx. 6 - 7 kg/m² @ 6 mm Notch trowel

Storage & Shelf Life

Ecotile FXE shelf life is 12 months if stored at temperatures between 2°C and 50°C.

If these conditions are exceeded, Envirocon technical department should be contacted for advice.

Disclaimer:

We hope that the information herein will be helpful. The data is based upon knowledge considered to be accurate and true and is offered for the user consideration, investigation and verification in the application intended. We do not warrant the results or performance attained due to the nature of the influence of other constituent components in the application.



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Cleaning

All tools should be cleaned immediately after finishing by water. Hardened materials can be cleaned mechanically.

Packaging

Ecotile FXE E is available in 25kg bags.

Cautions

Health and safety

Ecotile FXE contains Portland cement and sand, Ecotile FXE may cause irritation to skin or eyes. In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advice if necessary.

Fire

Ecotile FXE is non-flammable.



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