



Technical Data Sheet

Ecotile GTW

Cementitious Water Resistance Tile Grout

Description

Ecotile GTW is a polymer modified water resistance smooth tile grout mixture that has been designed to fill joints in all ceramic tiles in submerged conditions for joints up to 3mm wide.

Applications

- It is used in all indoor and outdoor tiling joints.
- Can be used in swimming pools and submerged conditions
- Suitable on kitchens and wet areas.
- Non sag, can be used for vertical walls and floors.

Advantages

- One component easy to use.
- Excellent adhesion.
- Mold resistant.
- Suitable for internal and external applications.
- Suitable for wet areas
- Complies with GT-ISO 13007-3 class CG2WAF

Technical properties

Property at water/powder ratio: 0.42 @ 25°C	
Appearance	Free flowing fine powder
Color	Variable attractive colors
Working time 20°C	90 mins
Working time @ 35°C	30 mins
Compressive strength	≥ 16 MPa
Water absorption ISO13007-4	< 2 gm/m ²
Min application temp.	5°C

Method of use

Surface preparation

- All surfaces must be clean and free from oil, grease or loose materials.
- Certain tiles with high absorption, surface porosity or rough surface may require sealing before grouting to prevent permanent staining
- Clean the tile or stone surface thoroughly to remove dust, dirt or any other contaminations that may change the grout color.
- Remove all the spacers, pegs, ropes and strings.

Mixing

- Ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used.
- 8.25 – 8.75 liters of clean water should be added to clean container for each 20kg.

The powder is then added slowly to the water while mixing continuously with low-speed mixer/ drill (400 – 600 rpm).

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

- Allow to stand for 5 minutes before using.

Application

Apply the mixed grout with a rubber squeegee or spatula, ensuring that the grout is worked well into the joints.

Wash off excess grout from the face of the tiles with a damp sponge when the grout joint has firmed. Do not allow excess grout to dry on the face of the tiles as this will be difficult to remove.

Do not use acid wash to remove dried grout. Prevent the grout from drying out too quickly.

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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Theoretical Coverage

Approximately 0.18 kg/m²

Please note that the actual coverage rate is dependent upon the type, size and spacing of tiles.

Storage

Ecotile GTW 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.

Cleaning

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

Packaging

Ecotile GTW is available in 20.0 kg bags.

Cautions

Health and safety

Ecotile GTW contains Portland cement and Calcium carbonate, **Ecotile GTW** 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 GTW is non-flammable.

E n v i r o c o n C o n s t r u c t i o n P r o d u c t s L L C



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