

OVERVIEW

Terrafix F12 is a versatile floor tile adhesive with extended open-time characteristics. Terrafix F12 complies with the requirements as per EN12004 and passes all tests required for C1E classified adhesives. Terrafix F12 is suitable for interior and exterior floors for use on all types of dimensionally stable masonry substrates such as sands/cement screed, concrete, etc. Terrafix F12 is both hydraulically and organically bound, guaranteeing good adhesion of the tile to the surface.

PRODUCT GRADES/CODES

Grey	75650
White	75655

PROPERTIES

- Good adhesion
- Easy workability
- Water resistant
- Extended open-time

AREAS OF USE

General purpose ceramic and mosaic tile adhesive for use on all type of dimensionally stable masonry substrates such as sand/cement screeds, precast concrete where an extended open time is required.

PREPARATION OF SURFACE

Ensure that the surface to be covered is clean and free of foreign matter. Absorbent and porous substrate should be wetted thoroughly with water prior to the application of Terrafix F12. Dusting surfaces should be treated with a penetrating primer.

MIXING

Add about 7-7.5 litres of water to 25kg of Terrafix F12 and mix thoroughly to a thick and creamy consistency. Let it stand for 5 minutes, re-stir and apply.

APPLICATION & CLEANING OF TOOLS

Apply Terrafix F12 in a layer approximately 3mm thick to the surface with the smooth side of a notched trowel. Pull the trowel through the applied layer with the notched edge. Push the tiles into place so that full adhesion is obtained. Fix tiles before the adhesive has surface dried. Plan work accordingly. Prepared material must be used within 1 hour.

Clean tools and equipment with water after use.

SPACING OF JOINTS

To ensure even spacing, tile spacers of the required thickness are recommended.

GROUTING

Refer to Terragrout data sheet for details.

EXPANSION JOINTS

Expansion joints, when necessary, should be incorporated in the design stage.

HEALTH & SAFETY

Avoid prolonged contact with eyes and skin. For detailed information refer to relevant material safety data sheet.

PACKAGING & STORAGE

Terrafix F12 is supplied in 25kg craft bags.

Store containers in a clean dry area protected from direct sunlight and extreme heat and cold. Unopened containers can be stored for 6 months. Use oldest material first.

TERRACO offers a comprehensive range of products and services for most concrete and finishing needs. Please contact the TERRACO Technical Service Department or your local TERRACO agent for further information, samples, demonstrations and instructor services. The information given in this leaflet is based upon laboratory research, as well as extensive field work and application. All products are sold subject to standard conditions of sale which are available on request. This information is based on TERRACO's present state of knowledge and is intended to provide general information on TERRACO's products and their methods of use. The prospective user is recommended to determine the suitability of TERRACO's suggestions and products before adopting them on a commercial scale.

TECHNICAL DATA

Product	Cementitious floor tile adhesive.
Binder	Hydraulic and organic binders.
Filler	Inert finely graded fillers.
Colour	Grey/ white.
Additives	Plasticizing agents, adhesion improving substances, as well as water retaining agents.
Quality Type	Passes tests as per C1E/EN12004.
Tensile Adhesion	Standard condition : EN1348 >0.5N/mm ² Heat aging : EN1348 >0.5N/mm ² After water immersion : EN1348 >0.5N/mm ² After freeze/thaw cycle : EN1348 >0.5N/mm ²
Application Temperature	5-35°C
Consumption	Trowel No. 4: 2.0-2.5 kg/m ² Trowel No. 5: 2.5-3.0 kg/m ² Trowel No. 6: 4.0-6.0 kg/m ²
Mixing Water %	28-30%
Adjustability Time	>45 minutes.
Pot Life	8 hours.
Open Time	>30 minutes
Ready to Grout	24 hours
Ready for Use	14 days
Packaging	25kg craft bags.
Storage	6 months in original unopened containers.

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