

OVERVIEW

Terrafix W44 is a two compound high flexibility, quick setting wall tile adhesive with excellent non-slump and extended open time characteristics. Terrafix W44 complies with the requirements as per EN12004 and passes all tests required for C2FTE S2 classified adhesives. Terrafix W44 is suitable for interior and exterior walls for use on deformable substrates such as marine plywood, old wooden floors etc, fixing tiles in areas of high vibration such as tunnels etc, fixing stone tiles sensitive to staining and where a fast set is required. Terrafix W44 is both hydraulically and organically bound, guaranteeing excellent adhesion of the tile to the surface.

PRODUCT GRADES/CODES

Grey	75630
White	75635

PROPERTIES

- Excellent adhesion
- Non-slump
- Easy workability
- Water resistant
- Extended open time
- Quick setting
- High flexibility

AREAS OF USE

Fixing ceramic and stone on high traffic areas, fixing tiles on deformable substrates such as marine plywood, old wooden floors etc, fixing tiles in areas of high vibration such as tunnels etc, fixing stone tiles sensitive to staining and where a fast set 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 W44. Dusting surfaces should be treated with a penetrating primer.

MIXING

Add 4-4.2 litres of water to the 4kg of Terrafix W44 liquid component and mix well. Add 21kg Terrafix W44 powder compound to this liquid 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 W44 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 W44 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	High flexibility, quick setting 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 C2FTE S2/EN12004.
Tensile Adhesion	Standard condition : EN1348 >1.0N/mm ² Heat aging : EN1348 >1.0N/mm ² After water immersion : EN1348 >1.0N/mm ² After freeze/thaw cycle : EN1348 >1.0N/mm ²
Deformability	S2 EN12002
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 %	16-17%
Mix Ratio	Powder 21 : Liquid 4 : water 4-4.2
Adjustability Time	>30 minutes.
Pot Life	60 minutes.
Open Time	>30 minutes.
Ready to Grout	3 hours.
Ready for Use	24 hours.
Packaging	25kg craft bags.
Storage	6 months in original unopened containers.

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