

### OVERVIEW

Terrafix W42 is a two compound, high flexibility, wall tile adhesive with excellent non-slump and extended open time characteristics. Terrafix W42 complies with the requirements as per EN12004 and passes all tests required for C2TE S2 classified adhesives. Terrafix W42 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. Terrafix W42 is both hydraulically and organically bound, guaranteeing excellent adhesion of the tile to the surface.

### PRODUCT GRADES/CODES

Grey	75620
White	75625
Liquid	68411

### PROPERTIES

- Excellent adhesion
- Non-slump
- Easy workability
- Water resistant
- Extended open time
- 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.

### 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 W42. Dusting surfaces should be treated with a penetrating primer.

### MIXING

Add 4-4.2 litres of water to the 4kg of Terrafix W42 liquid component and mix well. Add 21kg Terrafix W42 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 W42 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 W42 is supplied as a 25kg unit (21kg powder : 4kg liquid).

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

<b>Product</b>	High flexibility tile adhesive.
<b>Binder</b>	Hydraulic and organic binders.
<b>Filler</b>	Inert finely graded fillers.
<b>Colour</b>	Grey/ white.
<b>Additives</b>	Plasticizing agents, adhesion improving substances, as well as water retaining agents.
<b>Quality Type</b>	Passes tests as per C2TE S2/EN12004.
<b>Tensile Adhesion</b>	Standard condition : EN1348 >1.0N/mm <sup>2</sup> Heat aging : EN1348 >1.0N/mm <sup>2</sup> After water immersion : EN1348 >1.0N/mm <sup>2</sup> After freeze/thaw cycle : EN1348 >1.0N/mm <sup>2</sup>
<b>Deformability</b>	S2 EN12002
<b>Application Temperature</b>	5-35°C
<b>Material Consumption</b>	Trowel No. 4: 2.0-2.5 kg/m <sup>2</sup> Trowel No. 5: 2.5-3.0 kg/m <sup>2</sup> Trowel No. 6: 4.0-6.0 kg/m <sup>2</sup>
<b>Mixing Water %</b>	16-17%
<b>Mix Ratio</b>	Powder 21 : Liquid 4 : water 4-4.2
<b>Adjustability Time</b>	>45 minutes.
<b>Pot Life</b>	8 hours.
<b>Open Time</b>	>30 minutes.
<b>Ready to Grout</b>	24 hours.
<b>Ready for Use</b>	14 days.
<b>Packaging</b>	25kg unit (21kg powder : 4 kg liquid)
<b>Storage</b>	6 months in original unopened containers.

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