

# T4

## POLYWED FRENCH TILE ADHESIVE

TILE ADHESIVE FOR CERAMIC TILES USED ON FLOOR AND WALLS

### ADHESIVE

French Tile Adhesive-T4 is dry pre-mixed cement based thin bed mortar combined with Portland Cement, fine graded sand and chemical additives.

### USES

French Tile Adhesive-T4 is suitable for backgrounds with Portland cement based renders, floor screeds and concrete. French Tile Adhesive T4 should not be applied onto wood, mortar sheets or painted surfaces. The background and tile must be clean, free of dust deposits, sinter skin, formwork oil and other contamination which may affect adhesion. The suction in the background should be neutralized by applying clean water.

### ADVANTAGES

Ceramic tiles should not be fixed with tight joints. Leave a minimum space of 2mm around every tile. For normal use, the joints should be filled with cementitious grout. Where protection from oil and chemical are required, the joints should be filled with suitable epoxy grout.

### STANDARDS

- ASTM C 387, BS 4551, 5980 Type1 Class AA

### PRODUCT INFORMATION

Composition	Cementitious mortar
Packaging	20 kg bag
Appearance / Colour	White powder
Shelf Life	12 months from date of production
Storage Conditions	French Tile Adhesive T4 must be stored in a dry place, off the ground and well covered. Hard or lumpy material must be rejected
Density	Fresh mortar density: ~1.73 kg/l (at +25 °C)
Maximum Grain Size	Dmax: 0.5 mm

### TECHNICAL INFORMATION

Strength	Compressive $\geq 15 \text{ N/mm}^2$ @ 28 days Flexural $\geq 3.5 \text{ N/mm}^2$ @ 28 days
Mix Ratio	0.25
Curing	up to 72 hrs

### APPLICATION INFORMATION

Mixing Ratio	4.5–5.0 L of water per 20 kg bag
Consumption	This depends on the level, profile and surface roughness of the substrate, the size of the tiles and the technique of placing (simple placing or "back"-buttering). As a guide, in kg of powder per m <sup>2</sup> in flat surfaces:
Mosaics and small tiles	2.0–4.5 kg/m <sup>2</sup>
Normal size tiles (20 cm x 20 cm)	4.5–9.0 kg/m <sup>2</sup>
Layer Thickness	3 mm - 5 mm.

# T4

## POLYWED FRENCH TILE ADHESIVE

TILE ADHESIVE FOR CERAMIC TILES USED ON FLOOR AND WALLS

### APPLICATION INSTRUCTION

#### SUBSTRATE QUALITY / PRE-TREATMENT

French Tile Adhesive-T4 is suitable for backgrounds with Portland cement based renders, floor screeds and concrete. French Tile Adhesive T4 should not be applied onto wood, mortar sheets or painted surfaces. The background and tile must be clean, free of dust deposits, sinter skin, formwork oil and other contamination which may affect adhesion. The suction in the background should be neutralized with clean water.

#### MIXING

French Tile Adhesive T4 supplied in 20-kg bags has to be mixed with potable water only, in a clean plastic bucket or a clean, non-corrosive uncontaminated metal tub. To ensure a homogeneous and uniform mix, an electric agitator must be used.

The amount of water to be added is approx. 4.5-5 litres per 20 kg bag (i.e. 25% by weight) add the Tile Adhesive T4 to water, turn the contents of the bag carefully and stir frequently. Once mixed allow to stand for 5 minutes and mix again before applying. No further water should be added to the mix. The mixed mortar must be used within 45 minutes. Hard and set mortar should not be re-mixed

### APPLICATION

French Tile Adhesive T4 is rendered in one coat, having a thickness of 2- 5 mm. To achieve a uniform thickness, the mortar is leveled with a serrated trowel. The thickness of the adhesive will depend upon the size and type of tile. Do not spread more than 1 M2 at a time. Spreading large areas may result in the mortar drying before tiles can be pressed home, causing poor adhesion

### CLEANING OF TOOLS

Clean all tools and application equipment with clean water immediately after use. Hardened / cured material can only be removed mechanically.

### BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

### HEALTH AND SAFETY INFORMATION

For information and advice on the safe handling storage and disposal of chemical products, users shall refer to the most recent MSDS containing all the details.control.

### LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application.



**LEGAL DISCLAIMER:** Polywed endeavors to ensure that any advice, recommendations, information it may give, is accurate and correct. It cannot accept any liability either directly or indirectly arising from the use of its products, because it has no direct or continuous control over where or how its products are applied, whether or not in accordance with any advice, specification, recommendation or information given by us. Polywed has the right to change any of the specifications mentioned in the Technical data sheets upon its discretion without prior notification. Hard copies of the Technical Data sheets are printed once or twice a year, while our technical data sheets are continuously being updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated of the technical Data Sheets.