

## PRODUCT DESCRIPTION

PlekoTile Grout H is a single component polymer modified, hydrophobic, non shrink tile grout, made of hydraulic binders, selected aggregates, and special chemical additives, designed for jointing tiles of interior walls and floors. It is easy to use by just adding water, improving on-site quality control. Available in white, off-white, grey and other preset colors.

## USES

For grouting of floor and walls joints of all kinds of ceramic, porcelain, terrazzo, marble tiles. For internal or external use such as bathrooms, kitchen, stairs, rooms... Recommended for joints 1 to 4mm wide.

## APPROVED SUBSTRATES

TileFix Line can be used to tile directly onto Concrete and Cementitious Plaster and Renders, blocks.... Gypsum substrate is not recommended unless previously treated.

## PACKAGING

20 kg in paper bag

## COVERAGE

0.1-2.3 Kg / m<sup>2</sup> depending on application thickness, joint width and tile size.

Manufacturer does not warrant square meter coverage, which can vary greatly according to application techniques.

## PROPERTIES

- **Easy to use**
- **Non-Shrinking**
- **Excellent Adhesion**
- **Superior Workability**
- **Abrasion Resistant**
- **Color Retention and UV Resistant**
- **Suitable for Horizontal & Vertical use**

## TECHNICAL DATA

Appearance	Free-flowing colored powder
Bulk Density (Kg/L ± 0.5)	1.25
Water Demand (%)	30 - 32
Open Time (min)	60
Compressive Strength (N/mm <sup>2</sup> )	≥15
Flexural Strength (N/mm <sup>2</sup> )	≥3.5
Abrasion Resistance (mm <sup>3</sup> )	≤2000

## INSTALLATION

### MIXING

Use a clean container free of all foreign substances for preparing and mixing material. Use a heavy duty electric drill and mixing paddle. Add water in small increments while mixing thoroughly to achieve lump-free consistency. Avoid working excessively to prevent air entrapment. Let mixture set for 5 minutes and re-temper. Small amount of clean water may be added if necessary to improve workability.

### SUBSTRATE PREPARATION

Surface must be sound, clean, dry, free of bond-inhibiting materials such as paint, grease, oil, efflorescence, form release agents and curing compounds. Make sure tile adhesive is dry, remove spacers and excess adhesive that is higher than half the tile thickness. Pre wet surface with clean potable water prior to application. Joints should appear damp with no water pooling.

### APPLICATION

Using a rubber float apply PlekoTile Grout H over the joints, spread diagonally and ensure to completely fill the joints by pressing firmly. Remove excess material and let it set for 20 to 30 minutes (depending on temperature and humidity) before cleaning the tiles with a wet sponge.



Upon full drying wash the tiles thoroughly while ensuring not to rub the joints too deep. Keep moist for 2 days to ensure proper curing.

## LIMITATIONS

Apply only to unfrozen surfaces above 4 °C (40°F). Maintain minimum 4 °C (40°F) ambient temperature for 24 hours after application. Substrate made of gypsum are not advisable.

## CLEANING

While still fresh, soluble in water. Clean all equipment with water immediately after use.

## STORAGE

Store in cool, dry, well-ventilated area, protected from freeze, heat and direct sunlight and at a temperature between 4°C (40°F) and 38°C (100°F), in tightly sealed original container. Storage time must not exceed one year.

## HEALTH AND SAFETY

Avoid contact with eyes and skin. Prevent inhalation of dust.

The product contains cement powders which, when mixed with water, release alkalis that could be harmful to the skin. It is preferable that the application be done in a ventilated area, and to wear protective gear for hands, eyes and respiratory system and to avoid breathing of the dust. Splashes on the skin should be washed away by cleaning with soap and water. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting, in both cases seek medical attention.

The product is non-flammable

### Attention

This product is intended for use by qualified professional contractors, as a component of a larger construction system and specification. It should be installed in accordance with given instructions and specifications. Information listed above reflects the criteria for our internal quality test and practical experience. Results depend on listed instructions and consumer skills and are therefore out of our responsibility whether expressed or implied. All values are valid for the product when dispatched from the plant. We reserve the right to change any given specification without notice.

