



UNI EN ISO 9001:2015  
Quality System Certified Company



According to European Standard  
EN 12004

## TECHNICAL DATA SHEET PRODUCTS

# GENERALKOLL FORTILE 2000 white and grey

*Cement adhesive in powder for  
laying ceramic tiles*

### DESCRIPTION

**FORTILE 2000** is an adhesive based on hydraulic binders and inert fillers of selected grain size suitable for laying ceramic tiles on traditional cement-mortar based substrates such as plasters and cement surfaces.

### SPECIFICATIONS

**FORTILE 2000** allows achieving thickness up to 5 mm.

Ceramic floor and wall tiles must be applied by using hydraulic binders based adhesive type **FORTILE 2000**

### FIELDS OF APPLICATION

Laying of ceramic floor and wall tiles.

### IMPORTANT

- **Do not use** at temperatures below 5°C (41°F) and higher than 40°C (104°F)
- **Do not use** on substrates subject to thermal or/and mechanical stress
- **Do not use** on heated floors
- **Do not use** for marble, granite or natural stone laying
- **Do not use** for plasterboard laying
- **Do not use** for overlaying on existing floors
- **Do not use** to lay tiles requiring an adhesive thickness over 5 mm.
- **Do not use** when an almost immediate pedestrian transit is required
- **Do not use** to lay big size tiles

### PREPARING MIXTURE

Mix 25 kg. of **FORTILE 2000** with 7 - 7.5 litres of clear water, and mix by using a low-speed mixer till to obtain a homogeneous mixture without clots.

Leave the mixture to stand for about 10 minutes then mix again for at least 30 seconds before using. The prepared mixture, mixed again immediately before using, has a shelf-life of 1-2 hours about (according to environmental conditions: temperature, ventilation, etc.).

### PREPARING SUBSTRATE

The substrate must be flat and solid and free from any traces of oil and wax (the use of NEUTREX degreasing detergent is recommended). Damp substrate slows down the setting time of the adhesive and the presence of water on the surface has a detaching effect.

### LAYING TILES

Apply **FORTILE 2000** with a toothed spatula/knife of suitable tothing for the tile size to be laid. Fit the tile by applying enough pressure to ensure the rear of the tile is completely wet and in contact with the adhesive. Severe conditions such as high temperature, strong wind, very absorbent substrate, can drastically reduce the "open time" and the "tile adjustment" time. In these cases, it is suggested to dampen the substrate before to apply the adhesive. Under these conditions, periodically check that the applied adhesive has not made a surface film; in this case it is enough to simply restore by another spatula/knife stroke



## IMPORTANT NOTICE

In case of laying on gypsum surfaces or laying of plasterboard, such gypsum surfaces or/and plasterboard must be previously treated with a primer to help and improve the adhesion.

## CLEANING

Floors and walls can be cleaned after at least 24 hours from installation with a sponge dampened with a solution of DDA, acid detergent, diluted in water.

## CONSUMPTION

From 2.5 kg/m<sup>2</sup> to 3.5 kg/m<sup>2</sup> depending on tile size.

## PACKAGING

**FORTILE 2000** is packed in multi-layer polythene-lined paper bags. 25 kg. bags on 1500 kg. pallets

## TECHNICAL DATA

*according to General Quality Rules*

<b>APPEARANCE</b>	powder
<b>COLOUR</b>	white or grey
<b>FLAMMABILITY</b>	no
<b>TOXICITY</b>	no
<b>STABILITY</b>	12 months in original pack and in dry environment
<b>MIXING RATIO</b>	abt. 7 - 7.5 litres of water each 25 kg. of powder
<b>MIXTURE DENSITY</b>	1.6 kg/L
<b>MIXTURE pH</b>	12.6
<b>MIXTURE SHELF-LIFE</b>	1-2 hours
<b>APPLICATION TEMPERATURE</b>	between 5°C and 40°C (41°F and 145°F)
<b>OPEN TIME</b> at 20°C (68°F) and 60% R.H.	20 minutes abt.
<b>TILE ADJUSTMENT</b>	within 40 minutes after laying
<b>PEDESTRIAN TRAFFIC (on floor)</b>	24 hours after laying
<b>JOINT FILLING ON WALLS</b>	6 to 8 hours after laying tiles
<b>JOINT FILLING ON FLOORS</b>	24 to 36 hours after laying tiles

**LIMITATION OF LIABILITY** The data provided derive from published information or from our own laboratory tests. The information provided here must be considered as a guideline and not as any form of performance guarantee. Liability for defective products, when verified, is limited to the refund of the purchase price since the application of the product is beyond the control of the manufacturer or supplier.