



**EUROTILES**  
CONSTRUCTION CHEMICALS

# HEAVY DUTY TILE ADHESIVE

**EUROTILES HEAVY DUTY TILE ADHESIVE** is a high quality thick or thin bed cement-based tile adhesive ideal for fixing ceramic, quarry, slate, marble, homogeneous, low porous and monocoturra tiles in internal and external application for both walls and floors.

## FEATURES

Eurotiles Heavy Duty Tile Adhesive can be used to lay tiles onto concrete, cement, rendered, block work and rendered brickwork surfaces in both interior and exterior applications.

- Good water resistance
- High bonding strength
- Non-toxic, non-flammable
- Fast hold

## TECHNICAL DATA

<b>Compressive Strength</b> ASTM C109	28 days = $\geq 2,300$ psi
<b>Bonding Strength</b>	28 days = $>1.20$ mpa
<b>Mixing Ratio</b>	approx. 5-6 liters of water per 25kg
<b>Pot life</b>	7-8 hours
<b>Curing time</b>	24 hours
<b>Open time</b>	approx. 20 minutes
<b>VOC (% M/M)</b> ASTM D6886	0.22

<b>Color</b>	Gray
<b>Shelf life</b>	approx. 12 months
<b>Packaging</b>	25kg/bag
<b>Storage</b>	cool, dry place

Tile Format	Required notch size	25kg bag is sufficient for approx.
20x20 to 30x30 40x40	4mm - 6mm	5 - 6m <sup>2</sup>
60x60 & up	10 mm	4 - 5m <sup>2</sup>

## HOW TO USE

### A. Substrate Preparation

- All surfaces must be structurally sound, free from movement, dry, clean, free from oil, grease, wax, dust and other contaminants.
- For painted surfaces; It should be scraped to bare at least 80% of the original substrate
- Newly built concrete must be allowed to cure for 28 days
- Newly rendered surfaces must be allowed to cure for at least 7 days
- For old concrete and rendered surfaces, a strong grade detergent or degreaser must be used to clean the surface, thoroughly washed away the detergent or degreaser with clean water.
- The whole surfaces must be dry for at least 24 hours (no moisture) prior to tiling but must be dampened using sponge or cloth before application.

### B. Mixing and Application

- Gradually add 25kg of Eurotiles Heavy Duty Tile adhesive to 5 to 6 liters of water into a plastic pail. Mix continuously until a thick creamy consistency is achieved free of lumps (use of electric mixer is highly recommended).

- Allow the mixture to stand 5-10 minutes, mix again before application.
- Spread the adhesive onto the substrate using a notched trowel.
- Choices of notched trowel depend on the size of the tile, depth knobs, grooves and ridges on the back of the tiles and evenness of the substrate.
- For tiles 300mm x 300mm and up, the adhesive should be placed onto the back of the tiles in addition to the adhesive on the substrate.
- Do not allow the adhesive to skin over prior to tiling.
- During installation, press the tiles onto the tile adhesive first. Then, move it against the notched trowel line while fixing or adjusting tile on its position.

**Note:** The adhesive coverage must be uniform and cover the entire tile thoroughly. The advised thickness must be approximately half the height of the square notched trowel used. Ensure that there are no voids under the tiles.

### **Grouting**

- After 24hours from complete installation of tiles, apply Eurotiles Superior Tile Grout according to the instruction found in the packaging.

## ***PRECAUTIONS***

- Do not apply at temperatures above 38°C and under exposure to strong wind and sunlight.
- Stiffened mortar must be discarded.
- Clean tools with water immediately after use; once the product has cured it can only be removed by mechanical means.

**DISCLAIMER:** Due to different working methods, the manufacturer is not liable for any damages and faulty outcomes arising from incorrect use of this product. Please follow the instructions mentioned above.

### **PRODUCT MADE IN THE PHILIPPINES**

## **EUROTILES INDUSTRIAL CORPORATION**

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