

## Waterproofing terraces and terraced roofs with elastic cementitious systems

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### APPLICATION DATA SHEET

Waterproofing terraces and terraced roofs with elastic cementitious systems prior:

1. preparation of the substrate;
2. waterproofing;
3. completion of operations.

#### 1) PREPARATION OF THE SUBSTRATE

Refer to the Application Data Sheet "Preparation of substrates to be waterproofed" (LV80) for what concerns the cleaning of the substrate; preliminary checks; preparation of the substrate; and check and restoration of joints and connecting gutters.

In correspondence with the joints, place preformed plastic cord in closed polyethylene foam **Ethafoam**, which prevents the adherence of sealant to the bottom of the joint (in the case of joints larger than 5 mm) and sealing with polyurethane sealant **Tecnoseal 130**.

In the case of screeds or laying on glazed tiles, spread with a brush or roller **Kimicover FIX MV** respecting the consumption rate indicated in the Technical Data Sheet, without covering the previously positioned sealant.

Apply **Kimicover JOINT** and **Kimicover JOINT P**, in correspondence with joints, cuffs and drains.

Proceed with waterproofing of joints, cuffs and drains using **Kimicover GUAINA** applied with brush or roller on the mesh **Kimitech 120** laid in correspondence with joints, cuffs and drains.

#### 2) WATERPROOFING

On the surface to be waterproofed, clean and sound, pour **Kimicover GUAINA** and spread it with a steel trowel or a plaster.

Place mesh **Kimitech TNT** immediately, making sure that it adheres to the membrane using a trowel or a plaster (in case of overlapping, overlap it for a 20 cm length).

Pour another layer of **Kimicover GUAINA** on the reinforcement mesh to improve the waterproofing. Between the following 24 and 48 hours, apply a layer of finish **Kimicover GUAINA**. In order to know the overall consumption of **Kimicover GUAINA** (A+B) in all procedures, consult the Technical Data Sheet.

#### 3) COMPLETION OF OPERATION

##### 3A) FINAL PROTECTIVE COAT

Once the last **Kimicover GUAINA** layer's curing is complete, (1-2 days at 20°C; 10-15 days at 5°C) proceed with the laying by brush or roller of **Kimicover BLINDO**, following the consumption of 0,3 Kg/m<sup>2</sup>.

The resin, once cured, will have an anti-slip and anti-reflective surface with excellent resistance to atmospheric agents, freeze-thaw cycles and acid rain.

##### 3B) ) TILING

Once the last **Kimicover GUAINA** layer's curing is complete, (1-2 days at 20°C; 10-15 days at 5°C) proceed with the bonding of the covering to be carried out using adhesive powder for tiles **Aderflex KR**. Respect the consumption of material indicated in the Technical Data Sheet. Finally, grout the joints with special cement mortar **Fugaflex EVO**. Respect the consumption rates indicated in the Technical Data Sheet.