

## Waterproofing and tiling of balconies and terraces with joints (distance between joints 5-8 m), even already tiled, with polyurethane resins

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### APPLICATION DATA SHEET

Waterproofing and tiling of balconies and terraces with joints (distance between joints 5-8 m), even already tiled, with polyurethane resins prior:

1. preparation of the substrate;
2. waterproofing;
3. tiling.

#### 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 controls; preparation of the substrate; and control and restoration of joints and connecting gutters.

In correspondence with the joints, proceed with the positioning of closed cell polyethylene substrate **Ethafoam** as a foundation (in the case of joints larger than 5 mm) and laying polyurethane sealant **Tecnoseal 130**.

In the case of screeds or laying on glazed tiles, spread **Kimicover FIX MV** with a brush or roller respecting the consumption rates 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.

In the case of regular and perfectly flat substrates, **Kimicover 601P** can be applied without reinforcement mesh, otherwise where the product could be applied in uneven thicknesses, use the mesh **Kimitech 120** or alternatively **Kimitech TNT**, soaked in the first layer of product while still fresh.

For local reinforcements in correspondence with areas subject to high movements, at joints, junctions, and cracks use mesh **Kimitech 120** or alternatively **Kimitech TNT**, soaked in the first layer of product while still fresh.

#### 2) WATERPROOFING

Once the substrate is ready, proceed with the application of **Kimicover 601P** by brush, roller or spray, with a consumption of about 1-1.5 kg / m<sup>2</sup>.

12 hours later, apply a second coat of **Kimicover 601P** by brush, roller or spray, observing a consumption of not less than 1-1.5 kg / m<sup>2</sup>.

To make an upper tiled surface, provide a suitable layer of adhesive bridge and alkali barrier, by waste-dusting with dry quartz sand **Kimifill MP**, on a special additional layer of fresh product (respecting a consumption of 300 g / m<sup>2</sup>).

#### 3) TILING

Once the last coat of **Kimicover 601P** has cured, (1-2 days at 20 ° C; 10-15 days at 5 ° C) proceed with bonding the coating to be made using powder adhesive for tiles **Aderflex KR**.

Respect the consumption of material provided in the Technical Data Sheet.

Finally, plaster the grout lines with special cement-based mortar **Fugaflex EVO**. Respect the consumption rates indicated in the Technical Data Sheet.

#### Note

For spray applications the pumping device must have the following parameters:

- pressure: 200-250 bar
- nozzle Ø: 0.38 - 0.53 mm
- angle: 50 - 80 °

*Make sure that the expected thickness of material, sprayed on inclined surfaces, is not dripping. In case, provide more layers of lower thickness.*