

Exposed monolithic elastic polyurethane waterproofing of terraces, flat coverings and terraced roofs, even already tiled (distance between joints 5-8 m)

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APPLICATION DATA SHEET

Exposed monolithic elastic polyurethane waterproofing of terraces, flat coverings and terraced roofs, even already tiled (distance between joints 5-8 m), prior:

1. preparation of the substrate;
2. waterproofing.

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, 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.

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** with a brush or roller or spray with a consumption of about 1-1.5 kg / m².

12 hours later, apply a second coat of **Kimicover 601P** with a brush, roller or spray, respecting a consumption of not less than 1-1.5 kg / m².

If a "cool roof" finish is required, it is possible to complete the waterproofing with a coat of **Kimicover 301 NF** in the high reflectance variant.

Note

For spray applications the pumping device must respect 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 sloped surfaces, is not dripping. In case, provide more layers of lower thickness.

Provide for water vapor vent chimneys appropriately displaced according to the humidity present in the substrate.

After evaluating the thermohygrometric conditions of the environment below the covering, apply an aerator:

- every 40 m² for environments characterized by low humidity and the presence of special layers of vapor diffusion;
- every 20 -25 m² for environments with average humidity;
- every 15 m² for environments with high humidity (swimming pools, environments which underwent special procedures, etc.).