

Monolithic elastic waterproofing of roofs suitable for pedestrian traffic

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APPLICATION DATA SHEET

Monolithic elastic waterproofing of roofs suitable for pedestrian traffic, by:

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.

On the surface to be waterproofed, clean and mechanically consistent, apply primer **Kimicover FIX MV**.

The contact points between the screed and the collection pits, after the removal of any tiles and, if necessary, the reconstruction of the external edges of the joints, once cleaned, will be waterproofed by applying **Kimicover JOINT P** and **Kimicover 501** reinforced with mesh **Kimitech 120**.

The joints between the wall and the floor will be waterproofed by applying **Kimicover JOINT** and **Kimicover 501** reinforced with mesh **Kimitech 120**.

The joints will be waterproofed by laying preformed plastic cord in closed polyethylene foam **Ethafoam**, sealed with **Tecnoseal 130** or **Tecnoseal 88** (wait at least 24 hours before the application of elastic membrane **Kimicover JOINT**).

2) WATERPROOFING

On the surface to be waterproofed, clean, sound and wet, apply **Kimicover 501** with a brush or roller, with a consumption of about 1 kg/m², making sure of soaking the reinforcement mesh **Kimitech TNT**.

After 12 hours, apply with a brush, roller or low-pressure spray gun (in case of applications with airless pump, the product can be diluted with 10% of water) a second layer of **Kimicover 501**, with a consumption of at least 1,5 kg/m².

When a "cool-roof" finishing is required, it is possible to complete the waterproofing with a layer of **Kimicover BLINDO** in the high reflective variant.

POSSIBLE ALTERNATIVES

*If, as an alternative to **Kimicover 501**, resin **Kimicover LASTIC** is employed, a layer of **Kimicover BLINDO** (0,5 Kg/mm²) will be necessary.*