

## Waterproofing and tiling of balconies and terraces with joints (distance between joints <3m), even already tiled, with elastic cement systems

LV16\_SA\_EN\_R3-0617

### APPLICATION DATA SHEET

Waterproofing and tiling of balconies and terraces with joints (distance between joints <3m), even already tiled, with elastic cement systems 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.

On the surface to be waterproofed, clean and mechanically sound, lay 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, will be waterproofed, once cleaned, by applying **Kimicover JOINT P** and **Kimicover DUO** reinforced with mesh **Kimitech 120**.

The joints between the wall and the floor will be waterproofed by applying **Kimicover JOINT** and **Kimicover DUO** 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 and sound, lay mesh **Kimitech 350** and apply **Kimicover DUO** with a trowel (mixing ratio A:B=2:1) with a consumption of about 2,5 kg/m<sup>2</sup>, making sure of soaking the reinforcement mesh.

Once the mortar has cured, however not earlier than 24 hours, lay a further coat of **Kimicover DUO** (powder, part A, mixed at 50% by weight with part B) by trowel, with a consumption of about 1 Kg / m<sup>2</sup>.

#### 3) TILING

After a minimum of 7 days the coating will be glued by using powder adhesive for tiles **Aderflex KR** (refer to the Technical Data Sheet for material consumption).

Plaster the grout lines with special cement-based mortar **Fugaflex EVO 04** or **Fugaflex EVO 15**. Respect the consumption rates indicated in the Technical Data Sheet.

While laying the coating, any expansion joints present in the substrate will be respected and then be grouted (after positioning **Ethafoam** of suitable thickness for joints larger than 5 mm) with sealant **Tecnoseal 88** or **Tecnoseal 130**.