

# WATERPROOFING TERRACE INSTALLATION SYSTEM

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**VIODOM BAUSEAL SL-44** is a hybrid, elastic, brushable state-of-the-art roof waterproofing membrane.



Waterproofing membrane for floor surfaces and walls with corners with **KOBAU FLEX SD60** from **KOBAU**.



Primer: **BIO ACRYL B13** resin emulsion by **VIODOM**



**THRAKON R3 WRM 520** is a fast-setting (20 minutes) cement-based repair material for concrete, while **THRAKON R4 WRM 525** is a fiber-reinforced, single-component repair material for concrete.



**OTTOSEAL A215** silicone sealant from **OTTOCHEMIE** with a plaster texture that can be painted over. This is used to seal cracks in the substrate.



## Installation process

### • **Substrate preparation**

The substrate must be dry and free of loose material, dust, grease, etc. Mechanical cleaning is recommended (using a blower, pressure washer, etc.).

### • Stage 1

Cracks - Where there are individual cracks of 1-2 mm, seal them with **OTTOSEAL A215** silicone sealant from **OTTOCHEMIE**.

### • Stage 2

Nests and substrate repair

The surface of the terrace (substrate) is repaired where there are nests (cracks) using **THRAKON's WRM** fiber-reinforced repair material.

### • Stage 3

Two coats of **VIODOM BIO ACRYL B-13** emulsion paint applied crosswise.

### • Stage 4

For the connections (corners) of the perimeter parapet and stairwells with the terrace, **KOBAU FLEX SD60** waterproofing membrane is used, which can be bonded with **VIODOM SUPER FLEX SP-30** standard tile adhesive and then coated with **VIODOM BAUSEAL SL-44**.

### • Stage 5

Once the substrate has been repaired, sealed, primed, and cleaned, apply the thick, white liquid material **BAUSEAL SL-44** with a brush or roller. The material should be applied when the weather is not wet or rainy to prevent it from being washed away by rain or moisture. It is applied in two coats, crosswise. Once the first coat has dried and is walkable, proceed to the second coat. The waterproofing extends to a height of 15-20 cm on the vertical surfaces surrounding the terrace (perimeter parapet, stairwell end, etc.) so as to form a "watertight basin." A basic prerequisite for the long life of **VIODOM BAUSEAL SL-44** is that there is no standing water, which is achieved by forming the correct slopes of the substrate.

The material must be maintained every 4-5 years with a simple coating (refreshment).