

# ISOMAT SL 17



## Elastomeric liquid membrane for waterproofing under tiles

### Description

ISOMAT SL 17 is a ready to use, brushable, solvent-free, elastomeric sealing membrane. After hardening provides a highly elastic membrane which is both waterproof and water-vapor permeable.

### Fields of application

ISOMAT SL 17 is ideal for sealing surfaces in humid rooms like bathrooms, showers etc, (without forming seams or joints), before fixing ceramic tiles.

It is suitable for all floor or wall surfaces made of concrete, plaster gypsum boards, chip boards etc. Yet, it should not be applied on surfaces subject to permanent water pressure.

### Technical data

Color:	grey
Density:	1,58 kg/lit
Viscosity:	50.000 mPa.s at +23°C
Minimum application temperature:	+5°C
Drying Time:	6 h at +20°C
Walkability:	after 6 h at +20°C
Tile fixing:	approx. after 6 h at +20°C

### Directions for use

#### 1. Substrate

The substrate must be clean, free of grease, loose particles, dust, etc. Cavities should be repaired using PLANFIX putty. Priming follows, using the special acrylic primer UNI-PRIMER with a consumption of approx. 100-200 g/m<sup>2</sup>, depending on the absorptivity of the substrate.

#### 2. Application

ISOMAT SL 17 is applied by brush or roller in 2 layers, after the primer has dried. The second layer should be applied after the first one has dried. It can be also applied in one layer with a notched trowel of 3-4 mm notch-size and flattened with a smooth trowel. This way a uniform thickness of the coating layer is achieved.

The ISOMAT SL 17 sealing membrane should be locally reinforced lengthwise across joints and wall-floor corners by fiberglass-mesh tape (65 g/m<sup>2</sup>) or polyester cloth tape (30 g/m<sup>2</sup>).

Tools are cleaned with water while Isomat® SL 17 is still fresh.

Tiles should be fixed with a high performance polymer-modified tile adhesive like ISOMAT AK 20, ISOMAT AK 22, ISOMAT AK 25, ISOMAT AK-ELASTIC, after ISOMAT SL17 has dried.

### Consumption

1,0-1,5 kg/m<sup>2</sup>, depending on the substrate.

### Packaging

ISOMAT SL 17 is supplied in buckets of 5 kg and 15 kg.

### Shelf-life - Storage

24 months from production date if stored in original, unopened packaging, in temperature between +5°C and +35°C. Protect from direct sun exposure and frost.

## Volatile organic compounds (VOCs)

According to the Directive 2004/42/CE (Annex II, table A), the maximum allowed VOC content for the product subcategory g, type WB is 30g/l (2010) for the ready to use product.

The ready to use product ISOMAT SL 17 contains max <30 g/l VOC.

### **ISOMAT S.A.**

**BUILDING CHEMICALS AND MORTARS**

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