



## Mastic TECHNOMICOL No.33

Spray-applied water-based roofing and waterproofing polymer-bitumen mastic

### Product description

Spray-applied roofing and waterproofing bitumen mastic TECHNOMICOL No.33 presents a mix of an aqueous emulsion of bitumen, special polymers and latex additives; it does not contain solvents. It has an outstanding elasticity, heat endurance and strength properties. The mastic has a neutral smell, so it is perfectly suited for indoor works. Spray application of the mastic can significantly reduce the time needed for installation of waterproofing layer.

### Area of application

Mastic TECHNOMICOL No.31 is used for:

- indoor waterproofing (bathrooms, balconies, etc.);
- installation of mastic roofs and repair of old roofs;
- waterproofing of underground structures (foundations, basements, piles, etc.).



### Main characteristics

Properties	Performance
Adhesion strength with concrete, MPa	≥ 0.6
Nominal strength, MPa	≥ 0.7
Elongation at break, %	≥ 900
Mass fraction of non-volatile substances, %	53-65
Heat resistance, °C	≥ 140
Flexibility on R=5.0+0.2 mm beam at -25°C	no cracks
Water absorption over the course of 24 h, %	≤ 0.4
Watertightness during 24 h at a pressure of 0.1 MPa	pass
Consumption for installation of 1 mm layer, kg/m <sup>2</sup>	1.5

### Performance of works

The mastic is spray applied to a surface together with coagulant solution (supplied with the product) by a dual-channel airless spraying device in a ratio of 1 to 8 (coagulant solution to mastic). Application temperature range is from +5°C to +40°C. Consumption for installation of mastic roofing – 4.5-5.5 kg/m<sup>2</sup>, waterproofing of underground structures – 3.5-4.5 kg/m<sup>2</sup>. Initial drying time under standard conditions – 1 min, full surface drying – 1-4 hours, hardening – 24-72 hours, the final curing – 3-7 days.

More details on installation are given in the relevant manuals of TECHNOMICOL Corporation.

**NOTE:** Avoid contact with skin and eyes.

### Storage

The product should be stored in a dry place protected from direct sunlight at temperatures from +5°C to +30°C. Shelf life – 6 months.

### Packaging information

Metal eurobuckets of 200 kg.