



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 ²	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/m², waterproofing of underground structures – 3.5-4.5 kg/m². 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.