



Roofing mastic TECHNOMICOL No.31

Ready to use water-based roofing and waterproofing polymer-bitumen mastic

Product description

Ready to use roofing and waterproofing bitumen mastic TECHNOMICOL No.31 presents a mix of an aqueous emulsion of bitumen, special polymers, additives and mineral fillers; it does not contain solvents. It has an enhanced elasticity, heat endurance and water-resistant properties. The mastic has a neutral smell, so it is perfectly suited for indoor works.



Area of application

Mastic TECHNOMICOL No.31 is used for:

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

Main characteristics

Properties	Performance
Adhesion strength with concrete, MPa	≥0.45
Nominal strength, MPa	≥0.5
Elongation at break, %	≥700
Content of bitumen binder with emulsifier, %	50-70
Heat resistance, °C	≥95
Flexibility on R=5.0±0.2 mm beam at -15°C	no cracks
Water absorption over the course of 24 h, %	≤1.0
Watertightness during 24 h at a pressure of 0.1 MPa	pass
Consumption for installation of 1 layer, kg/m ²	1.2-1.9

Performance of works

The mastic is applied to a surface layer by layer by roller or brush. A layer can be also installed by pouring and leveling. The thickness of one layer should not exceed 1.5 mm. Every following layer is applied after the previous one becomes dry. Application of at least 2 mastic layers is recommended for reliable waterproofing of underground structures (2.4-3.8 kg/m²), 3 layers are recommended for installation of mastic roofs (3.6-5.7 kg/m²). Application temperature range is from +5°C to +40°C. Drying time under standard conditions is not more than 24 hours.

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 3, 10 and 20 kg.