



Roofing mastic TECHNOMICOL No.31

TU 5775-007-72746455-2007

Product description

Ready to use 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 utility structures (basements, cellars, piles, etc.).



Main characteristics

Indicator name	Unit	Value	Testing method
Adhesion strength with concrete, at least:	MPa	0.45	GOST 26589-94
Nominal strength, at least	MPa	0.5	GOST 26589-94
Elongation at break, at least	%	700	GOST 26589-94
Water absorption within 24h, by weight, at most	%	1	GOST 26589-94
Content of bitumen with emulsifier, in the range of	%	50-70	GOST 26589-94
Heat resistance, at least	°C	95	GOST 26589-94
Flexibility on screed with radius 5.0±0.2 mm at temperature -15°C	-	no cracks	GOST 26589-94
Water resistance for 24h at pressure 0.1MPa	-	withstands	GOST 26589-94

Performance of works

According to the application manual of roofing mastic TECHNOMICOL No.21.

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 utility structures, 3 layers are recommended for installation of mastic roofs. Application temperature range is from +5°C to +40°C.

Consumption for mastic roofing – 3.8-5.7 kg/m²; for waterproofing – 2.5-3.5 kg/m². Drying time under standard conditions is not more than 24 hours.

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.