



Protective aluminum mastic TECHNOMICOL No.57

TU 5775-024-72746455-2009

Product description

Ready to use reflective bitumen mastic TECHNOMICOL No.57 presents a mix of high-quality bitumen, special polymers, aluminum pigment, additives and organic solvents. Coating layer formed by the mastic effectively protects the bitumen roofing against UV rays and heat; it also protects the metal roof from corrosion.

Area of application

Mastic TECHNOMICOL No.57 is used for:

- installation of the protective layer on new mastic roofs;
- recovery of the protective layer on old roofs;
- corrosion protection of roof coverings.



Main characteristics

Indicator name	Unit	Value	Testing method
Adhesion strength with base, at least: - with concrete - with metal	MPa	0.3 0.3	GOST 26589-94
Adhesion strength between layers, at least: - rolled material -- rolled material	MPa	0.2	GOST 26589-94
Nominal strength, at least	MPa	0.2	GOST 26589-94
Elongation at break, at least	%	200	GOST 26589-94
Flexibility on screed with radius 5.0±0.2 mm at temperature -15°C	-	no cracks	GOST 26589-94

Performance of works

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

Before application, the mastic has to be carefully mixed for homogeneous distribution of aluminum pigment. Mastic is applied to a surface by brush, roller or airless spraying device. Application of 2 mastic layers is recommended for reliable protection. Every following layer is applied after the previous one becomes dry. Application temperature range is from -20°C to +40°C. At a temperature below +5°C keep the mastic in a warm room for at least 24 hours.

Consumption per 1 layer: for the protection of new mastic roofing – 0.4 kg/m², for the recovery of protective layer on old roofing – 0.6 kg/m², corrosion protection of metal roofing – 0.4 kg/m². Drying time under standard conditions is not more than 24 hours.

NOTE: Do not use near open flame. Work in well-ventilated areas. Avoid contact with skin and eyes.

Storage

The product should be stored in a dry place protected from direct sunlight at temperatures from -20°C to +30°C. Shelf life – 18 months.

Packaging information

Metal eurobuckets of 3, 10 and 20 kg.