



Protective aluminum mastic TECHNONICOL No.57

Ready to use solvent-based reflective polymer-bitumen mastic used for installation and recovery of protective layer on roofs

Product description

Ready to use reflective bitumen mastic TECHNONICOL 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 TECHNONICOL 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

Properties	Performance
Adhesion strength with concrete / metal, MPa	≥0.3 / ≥0.3
Adhesion strength between bitumen material – bitumen material, MPa	≥0.2
Nominal strength, MPa	≥0.2
Elongation at break, %	≥200
Mass fraction of non-volatile substances, %	≥50
Heat resistance, °C	≥100
Flexibility on R=5.0+0.2 mm beam at -15°C	no cracks
Water absorption over the course of 24 h, %	≤2.0
Consumption for installation of 1 layer, kg/m ²	0.4-0.6

Performance of works

Before application, the mastic has to be carefully mixed for homogeneous distribution of aluminum pigment. The 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: protection of new mastic roofing – 0.4 kg/m², recovery of the 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.

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

NOTE: Do not use near an 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.