



TECHNONICOL 57 PROTECTIVE COMPOUND WITH ALUMINUM

Description of material

Protective compound TECHNOMICOL 57 with aluminum is a multicomponent material consisting of oil bituminous, modified by polymers, aluminum pigment, technological additives and organic solvent. The elastic insulating cover effectively protects bituminous roofs against UV-radiation and heating, and metal roofs against corrosion.

Application areas

Reflective mastic for roof protection against UV-radiation and thermal aging. Used for:

- Installation of protective layer on new bituminous, polymer-bituminous mastic roofs;
- Recovery of protective layer on old bituminous, polymer-bituminous mastic and roll-fed roofs;
- Corrosion protection of roof coverings.



Method of application

Before application and during use carefully mix mastic for uniform distribution of the aluminum pigment. Apply mastic using a small paint brush, a roller or through use of an airless spraying unit. It is recommended to be applied in two layers of mastic.

Consumption

for one layer:

- on mastic roof - 0.4 kg/m²;
- on old bitumen roof - 0.6 kg/m²;
- on metal roof - 0.4 kg/m².

Packing

Bucket 3, 10 and 20 liters.

Storage

Store in a dry place protected against sunlight at a temperature between -20°C and +30°C. Guaranteed storage period - 18 months.

Property	Value
Color resistance in the installation of an artificial climate, h	2
Strength of adhesion to the base, MPa, not less than:	
with concrete	0.3
with metal	0.3
Strength of adhesion between layers, MPa, not less than:	
bitumen membrane - bitumen membrane	0.2
Nominal strength, MPa	0.2
Specific elongation when broken, %	200
Water absorption over the course of 24 h, % by weight	2.0
Mass fraction of non-volatile substances, %	50
Heat endurance, °C	100
Flexibility on R=5.0 ±0.2 mm beam at -15°C	no cracks
Water resistance over the course of 72 h at a pressure of 0.001 MPa	withstands