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Roofing Mastic TECHNOMICOL № 21 (Technomast)

TU 5775-018-17925162-2004

Product description

Roofing Mastic TECHNOMICOL № 21 (Technomast) is a ready-to-use material composed of oil bitumen modified with artificial polymer, processing additives, mineral fillers and an organic solvent. Coatings on its basis are highly flexible, heat and moisture resisting and have high adhesion strength with the base.

Area of application

It is used for:

- Waterproofing and repair of all roof types (in combination with glass fiber, bitumen membrane materials and just with mastic itself);
 - Waterproofing of building constructions (foundations, basements, piles and other objects buried in ground or contacting with moisture);
 - Waterproofing and anticorrosive treatment of metal surfaces, including carbodies.
- Consumption for mastic roofing – 3.8-5.7 kg/m²; for waterproofing – 2.5 – 3.5 kg/m².



Main characteristics

Indicator name	Units	Value	Testing method
Adhesion strength with base, at least: - with concrete - with metal	MPa	0.6 0.9	GOST 26589-94
Adhesion strength between layers, at least: - rolled material -- rolled material - rolled material – concrete	MPa	0.3 0.4	- -
Shear strength of adhesive bond, at least	kN/m	4	- -
Nominal strength, at least	MPa	1	- -
Breakin elongation, at least	%	500	- -
Water absorption within 24h, by weight, at most	%	0.4	- -
Dry residue, at least	%	50	GOST R 52487 (ISO 3251:2003)
Heat resistance, at least	°C	110	GOST 26589-94
Flexibility on screed with radius 5.0±0.2 mm at temperature -35°C	-	no cracks	- -
Water resistance for 24h at pressure 0.1MPa	-	withstands	- -

Application

According to the application manual of "Roofing Mastic TECHNOMICOL № 21".

Temperature range from -20°C to +40°C. At temperature below +5°C withstand mastic in a warm room for at least 24 hours.

Drying time under standard conditions is not more than 24 hours.

Do not use near open flame. Avoid contact with skin and eyes.

Storage

Keep in a dry place, away from the sun light at temperature from -20°C to +30°C.

Guaranteed shelf life - 18 months.

Package

Metal eurobuckets 20 kg, 10 kg, 3 kg.