



TECHNONICOL 21 WATERPROOFING FOR ROOFS

Description of material

Waterproofing for roofs TECHNOMICOL 21 is a material that is completely ready to use, consisting of oil bituminous, modified by artificial polymers, mineral fillers and organic solvent. After drying, it forms a high-strength covering with a wide range of operating temperatures, which considerably increases the service life of the protected structures.



Application areas

Application areas for Waterproofing for roofs TECHNOMICOL 21:

- Installation of mastic roofs and repair of all kinds of roofs;
- Waterproofing of engineering structures (basements, cellars, piles and other facilities buried in the ground or coming in contact with the damp environment);
- Waterproofing and anticorrosion treatment of metal surfaces, including pipelines, car bodies.

Method of application

Mastic is applied to a processed surface in layers using a paint brush, filling knife or by pouring and leveling. Thickness of one layer must not exceed 1.5 mm. Every next layer is applied after the previous one has dried out. For waterproofing installation it is recommended to apply at least two mastic layers.

Consumption

- for mastic roof installation - 3.8–5.7 kg/m²;
- for waterproofing installation - 2.5–3.5 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
Strength of adhesion to the base, MPa, not less than:	
with concrete	0.6
with metal	0.9
Strength of adhesion between layers, MPa, not less than:	
bitumen membrane - bitumen membrane	0.3
bitumen membrane - concrete	0.4
Shear strength of glued bond, kN/m	4
Nominal strength, MPa	1
Specific elongation when broken, %	500
Water absorption over the course of 24 h, % by weight	0.4
Mass fraction of non-volatile substances, %	50
Heat endurance, °C	110
Flexibility on R=5.0 ± 0.2 mm beam at -35°C	no cracks
Water resistance during 24 h at a pressure of 0.1 MPa	withstands