



TECHNONICOL Nr. 41

Hot applied roofing mastic

Product description:

Hot applied roofing mastic TECHNOMICOL Nr. 41 is produced of roofing bitumen modified with polymers and mineral filler. Due to the similar composition the mastic is fully compatible with waterproofing polymer-bitumen membranes. Its application provides a reliable and holistic roofing system.

Area of application:

Hot applied roofing mastic TECHNOMICOL Nr. 41 is designed for the installation or repair of roofs (with the sealing of cracks, potholes sand-cement and asphalt screeds, concrete slabs grooves; restoration of roofing; installation of drainage funnel; in junctions of roofing membranes with pipes, aerators; fire-less installation of roofing membranes). Also it is used for waterproofing of steel or concrete structures (including pipelines), concrete blocks, columns contacting with the ground).



Essential characteristics:

Name of characteristic	Unit of measure	Performance
Melting point	°C	105
Needle penetration depth at 25 °C	0.1 mm	50
Adhesion strength with base at temperature (20±5) °C: - with concrete - with metal	MPa	0.20 0.25
Adhesion strength with base at temperature (-20±2) °C : - with concrete - with metal	MPa	0.80 1.00
Adhesion strength between layers, at least: - bitumen membrane - bitumen membrane - bitumen membrane - concrete	MPa	0.15 0.15
Shear strength of adhesive bond	kN/m	4
Water absorption within 24h, by weight	%	1

Application:

The mastic is heated up to 160-180°C and applied in the liquid state on the preliminary treated with a bitumen primer surface with a putty knife, a brush, or poured and spreaded.

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:

Paper bag with siliconized inner layer, weight 30 kg.