



TECHNOELASTMOST S

Ultrplast Bridge S

The torch-welded rolled polymer-bitumen waterproofing material



Description of material:

TECHNOELASTMOST S is a waterproofing material produced by placing a special binder on a super strong base. The material has maximum indicators for wear resistance, durability and withstands high temperatures (up to +220°C).

TECHNOELASTMOST S is widely recognized as a reliable material for waterproofing installation at federal transport facilities.

TECHNOELASTMOST S is designed for installation of the protective and coupling layer on steel orthotropic reinforced concrete slabs for traffic ways, in case of asphalt concrete installation (up to +220°C) directly on waterproofing.

Application areas:

Waterproofing of bridgeworks, ramps, floats and other structures.

Product technical data:

Declared performance	Unit of measure	Criterion	TECHNOELASTMOST S	Test method
Mass of 1 sq. m	kg	not less than	5,9±0,2	EN 1849-1
Thickness, mm (±0.1 mm)	mm	not less than	5,2±0,1	EN 1849-1
Breaking load	longitudinal transverse	not less than	1200±200 1000±200	EN 12311-1
The mass of the binder layer from burning-in side	kg/m ²	not less than	2,5	State Standard 2678-94
The mass of the top layer of binder with protective cover.	kg/m ²	not less than	1,0	TS 5774-046-72746455-2010
water absorption capacity during 24 h	% of mass	less than	1	State Standard 2678-94
Longitudinal/transverse elongation	%	not less than	60/60±20	EN 12311-1
Cold flexibility, °C /ø 30 mm- upper face and lower face	°C	not less than	-25	EN 1109-1
Resistance to static loading, 250 N applied for 24 h	N		250N	EN 12730
Water tightness	KPa		300kPa	EN 1928
Flow resistance at elevated temperature, °C /2 h - upper face and lower face	°C	not less than	140	EN 1110
Length (±0,2), width (±0,03)	m		8 1	EN 1848-1
Protective covering type	top surface bottom surface	- -	fine-grained sand film with logo	- -

Method of application:

The material is welded on a prepared surface using a gas burner or special-purpose equipment. Material application: according to the Manual for Waterproofing of Bridgeworks by Roll-Fed Welded-On TECHNOELASTMOST Materials. TECHNOELASTMOST can be used in all climatic zones

Storage:

Store in the upright position in one row by height, protected from moisture and direct sunlight, at a distance of at least 1 m from heat sources.