



From September 2020

TechnoNICOL vapor barrier film

Description of material

TechnoNICOL vapor barrier film is made of high density pie from steam generated inside the building. It has excellent water and vapor resistance, which minimizes the penetration of internal excess moisture into the building envelope..

Application areas

It is used to provide vapor barrier in roofing systems and protects the insulation from water vapor generated inside the building. Vapor barrier significantly reduces the possibility of moisture condensation in building envelopes. Moisture, in turn, negatively affects the thermal conductivity of the structure and at the same time increases the risk of fungi, bacteria and mold.

Application method

According to the "Guidelines for the design and installation of roofs made of polymer membranes" and "Instructions for the installation of a single-layer roofing made of a polymer membrane "by TechnoNICOL Corporation.

Storage

Rolls should be stored on pallets, in a closed room or under a canopy in a horizontal position at a distance of at least 1 m from the heaters.

The pallet can store up to 25 rolls stacked on top of each other.

Transportation

Carry out in covered vehicles in a horizontal position

Package

Rolls are packed in plastic wrap along the entire length of the roll, placed in a horizontal position no more than 25 rolls on a pallet and fastened together with a strap tape.



Product technical data

Characteristic	Unit of measure	Value	Test method
Mass of 1 m², not less: for a thickness of 0.12 mm (yellow fabric) for a thickness of 0.20 mm (green fabric)	g	110±17 184±17	GOST EN 1849-2-2011
Conditional strength, not less: Longitudinal Transversal	MPa	15 14	GOST 14236-81
Elongation at break, not less: Longitudinal Transversal	%	300 400	GOST 14236-81
Resistance to vapor permeation, not less	m ² h Pa / mg	36	GOST 25898-2012
Change in linear dimensions at a temperature of (70 ± 2) ° C in current (6.0 ± 0.1) h	%	±3	GOST 2678-94
Flammability class	-	G4	GOST 30244-94
Combustibility class	-	B3	GOST 30402-96