

PLASTFOIL® Product specifications

The main application of the PLASTFOIL membrane is waterproofing of flat roofs, foundations, tunnels, artificial reservoirs, swimming pools and different containers.

PVC membrane consists of three main components, which together compose the durable, homogeneous material. Upper layer of the PLASTFOIL membranes is the flexible PVC with stabilizers, plasticizers and fire retardants, which add to membranes resistance to the high and low temperatures, UV-radiation and fire. The membrane reinforcement is made of polyester. Bottom layer is the PVC compound dark-grey color. PLASTFOIL membranes are often used for the constructions with high fire-safety requirements.

Material PLASTFOIL, designed for:

PLASTFOIL F - material reinforced with polyester mesh. For waterproofing of roofs with mechanical fastening.

PLASTFOIL U - non-reinforced material. For waterproofing of underground structures (including tunnels).

Characteristics of material PLASTFOIL® F, U

Name of indicators	The value of indicators		Test Method
	F	U	
Length of the roll, mm	20000	20000	EN 1848-2
Width, mm	2000	2000	
Thickness, mm	1,5	2,0	
Reinforcement	Polyester	Non-reinforced	
Tensile strength, MPa, no less	13	12	EN 12311-2
Resistance to UV	+	-	
Elongation at break, %, not less	140	250	EN 12311-2
Reaction to fire	E	N/A	EN 11925-2
Water tightness	absolute		EN 1928
Frost-resistance (Retains flexibility at the rounded rod of 5 mm), C	-35		EN 495-5
Hardness by Shore A, not less	78		



Material PLASTFOIL can be applied to all climatic regions of SNIP 23-01.