

TECHNICAL SHEET

IZOSELF P3 DUO

Double side self-adhesive waterproofing membrane with polyester reinforcement and with elastomer modified bitumen

Product description IZOSELF P3 DUO is double side self-adhesive waterproofing membrane made from a polyester reinforcement, on both sides coated with elastomer modified bitumen. The membrane is on both sides protected with easily removable siliconized foil.

Characteristics of the product IZOSELF P3 DUO meets the demands of the standard EN 13969 for type A. The elastomer modified bituminous mass gives flexibility at low temperatures and extraordinary adhesion on the surface, especially on all thermal insulation materials, enabling a quick and clean installation. The polyester reinforcement gives high elasticity and resistance to static and dynamic strains.

Characteristic	EN Method	Unit	Value
Reinforcement	Polyester fleece		
Surface protection	Siliconized foil / Siliconized foil		
Length	1848-1	m	≥10
Width	1848-1	m	≥1
Straightness	1848-1	20 mm/10m	pass
Thickness	1849-1	mm	≥2,7
Water tightness	1928	kPa	≥ 100
Durability of water tightness against artificial ageing	1296/1928	kPa	≥ 100
Flexibility at low temperature	1109	°C	< -20
Resistance to tearing <ul style="list-style-type: none"> • longitudinal • transversal 	12310-1	N	> 150 > 200
Shear resistance of joints <ul style="list-style-type: none"> • longitudinal • transversal 	12317-1	N/50 mm	≥ 500 ≥ 400
Dimensional stability <ul style="list-style-type: none"> • longitudinal • transversal 	1107-1	%	≤ 0,3 ≤ 0,3
Water vapour properties	1931	μ	* NPD
Reaction to fire	13501-1	Class	E
Chemical resistance	1847/13969 Annex A	-	pass
Resistance to static loading	12730/B	kg	> 20
Resistance to impact	12691/A	mm	≥ 600
Tensile properties <ul style="list-style-type: none"> • longitudinal • transversal 	12311-1	N/50mm	≥ 500 ≥ 400
Elongation <ul style="list-style-type: none"> • longitudinal • transversal 	12311-1	%/50mm	≥ 30,0 ≥ 30,0
Content of dangerous substances	Annex ZA	/	no

* NPD – no performance determined

Use and installation

IZOSELF P3 DUO is used to perform single-layer waterproofing of the foundation concrete slab of buildings, where a double-sided self-adhesive bitumen membrane is laid between two layers of thermal insulation. First, the first layer of thermal insulation is laid, then a waterproofing tape is placed on top of it, with the simultaneous (or subsequent) removal of the lower protective film. This is followed by the removal of the upper protective film and the immediate laying of the second layer of thermal insulation. Overlaps are sealed so that they are additionally mechanically pressed with a rubber roller. At temperatures lower than + 10°C it is necessary to use hot air accessories. At high temperatures in the summer months, it is difficult to remove the siliconized film during installation, so let's avoid installation in such conditions.

Storage

The rolls must be stored in an upright position, protected against dampness and extreme temperatures. In winter it is recommended to store the rolls before installation for 24 hours at a temperature of over + 10°C. It is recommended to use the product within 12 months from production date.

Disposal considerations of waste

For the removal of waste of product, it is necessary to follow the valid local environmental regulations. Waste classification: 17 03 02 bituminous mixtures other than those mentioned in 17 03 01.



The product is in conformity with **EN 13969:2004 and EN 13969:2004/A1:2006 type A**.

The system of quality and handling of the environment is conforming with EN ISO 9001 and EN ISO 14001.