

PRODUCT DATA SHEET

MATFOL FB 150D, MATFOL FB 200D, MATFOL FB 300D, MATFOL FB 400D, MATFOL FB 500D



1434-CPR-0243

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Harmonised technical specification: EN 13967:2012 Flexible sheets for waterproofing – TYP A						
Characteristic	MATFOL FB 150D	MATFOL FB 200D	MATFOL FB 300D	MATFOL FB 400D	MATFOL FB 500D	Test procedure
Normative Part						
Reaction to fire:	euroclass F					PN-EN ISO 11925-2
Water tightness to liquid water:	watertight at 2 kPa (met. A)					PN-EN 1928
Resistance to tear (nail shank):						
<ul style="list-style-type: none"> • Longitudinal direction • Transverse direction 	≥ 35 N	≥ 50 N	≥ 70 N			PN-EN 12310-1
	≥ 35 N	≥ 50 N	≥ 70 N			
Joint strength:						
<ul style="list-style-type: none"> • Longitudinal direction • Transverse direction 	≥ 35 N / 50mm					PN-EN 12317-2
	≥ 35 N / 50mm					
Resistance to impact	NPD					PN-EN 12691 (met. A)
Tensile properties:						
<ul style="list-style-type: none"> • Longitudinal direction • Transverse direction 	≥ 30 N / 50mm strain ≥100%	≥ 50 N / 50mm strain ≥100%	≥ 70 N / 50mm strain ≥100%			PN-EN 12311-2
	≥ 30 N / 50mm strain ≥100%	≥ 40 N / 50mm strain ≥100%	≥ 60 N / 50mm Strain ≥100%			
Resistance to deformation under load	≥ 5 kg (met. B)	≥ 10 kg (met. B)	≥ 15 kg (met. B)			PN-EN 12730
Durability	Water tightness after artificial ageing	pass				PN-EN 1928
	Water tightness after exposure to chemicals	NPD				PN-EN 1847
Dangerous substances	NPD					-/-
Informative Part						
Thickness	0,15mm (±40%)	0,20mm (±40%)	0,30mm (±40%)	0,40mm (±40%)	0,50mm (±40%)	PN-EN 1849-2
Grammage	138 g/m ² (±40%)	184 g/m ² (±40%)	276 g/m ² (±40%)	368 g/m ² (±40%)	460 g/m ² (±40%)	
Dimensions	Width	2, 4, 5,-6 m (or according to the customer's wishes) (+/-5%)				PN-EN 1848-2
	Length	20, 25, 33, 50, 100 m (or according to the customer's wishes) (+/-2%)				
	Straightness	≤ 75mm / 10mb				
Colour	black/grey or according to the customer's indication					-/-
Material	Low density polyethylene (LDPE)					-/-
Alkali resistance	pass					PN-EN 1847
Water tightness after alkali	pass					PN-EN 1928 (met. A)
Application	The product is intended for use on or under floors or slabs placed in the ground to protect against water that does not exert hydrostatic pressure, passing from the ground into the interior. It can also be used in walls.					
Usage method	Construction works related to the use of MATFOL FB foil should be carried out in accordance with the construction design developed in accordance with the provisions of construction law.					
Storage and transportation	The foils should be stored in roofed rooms, protected from direct sunlight and rainfall. Transport in covered means of transport, protecting against mechanical damage.					
REACH Information	To the best of our knowledge and the statements of our suppliers, polyethylene and any additives used in product production do not contain any substances (SVHC Substances of Very High Concern) that are freely released during normal and rational use.					
The contents of this technical data sheet are based on current experience and the results have been determined from ongoing production, it is for information purposes only. The customer or processor is obliged to check the respective product for conformity and visible defects. We assume no warranty or guarantee for the product properties, the quality specification of the product and the respective overall system of the building.						