

Polyfin® FPO/TPO
Structural Waterproofing

Product Data Sheet according to DIN EN 13967



Specification to DIN EN 13967	Product Description
	Material: Flexible Polyolefines (FPO/PE) Polyfin® 3018
Areas of Application	
Sealing as moisture barrier Type A	✓
Sealing as groundwater barrier Type T	✓
Techn. Features	Composition
	central glass fleece
Length to DIN EN 1848-2	20 m ¹⁾
Width to DIN EN 1848-2	2100 ²⁾ /1500/1050/750/500/350/250 mm
Actual Thickness to DIN EN 1849-2	1.8 mm
Reaction to fire to DIN EN 13501-1	Class E
Water vapour diffusion resistance factor to DIN EN 1931	90.000 (Method B)
Tensile strength to DIN EN 12311-2	≥ 7 N/mm ² (Method B)
Elongation to DIN EN 12311-2	≥ 500 % (Method B)
Joint peel resistance to DIN EN 12316-2	≥ 500 N/50mm
Joint shear resistance to DIN EN 12317-2	≥ 500 N/50mm
Resistance to impact to DIN EN 12691 <i>Rigid substrate</i> <i>Flexible substrate</i>	≥ 550 mm (Method A) ≥ 1500 mm (Method B)
Resistance to static load to DIN EN 12730	> 20 kg (Method A/B)
Tear resistance to DIN EN 12310-2	≥ 150 N
Resistance to root penetration to FLL and DIN EN 13948	passed ⁴⁾
Dimensional stability to DIN EN 1107-2	≤ 0,3 %
Foldability at low temperatures to DIN EN 495-5	≤ -50 °C
Chemical resistance to DIN EN 1847 (Annex C)	passed
Exposure to bitumen to DIN EN 1548	passed
Water thightness to DIN EN 1928	≥ 500 kPa (Method B)
Colour	Standard colour: light grey ³⁾

¹⁾ Special lengths on request

²⁾ Standard length 15 m

³⁾ Further colours on request

⁴⁾ Testet on Polyfin® 3012

Storage: Rolls must be stored horizontal and dry and protected from heat and direct sunlight. Do not stack pallets.

The information given in our technical data sheets is based on the current knowledge and experience. The suitability for the correct application has to be secured by the user. Application has to be done according to our installation guide. The technical features can vary within the quoted tolerances. Our current general business terms are valid.