

PROOFMATE Z-FOLIE

CE marking in accordance with EN 14909



Properties:

The *PROOFMATE Z-FOLIE* is a 1.2 mm thick sealing membrane based on EPDM (Ethylene-Propylene-Diene-Copolymer).

The *PROOFMATE Z-FOLIE* is used as rubber damp proof course according to EN 14909.

PROOFMATE Z-FOLIE has the same material base as *PROOFMATE FD-FOLIE* and can therefore be integrated into the *PROOFMATE FD-SYSTEM* quite simply by bonding with *PROOFMATE F*. With this a pressurised-water-tight sealing from the cellar to the doorstep is achieved.

Technical data:

Substance data:

Material basis	EPDM	
Thickness	1.2 mm	
Width	100, 150, 200, 250, 300, 400, 500, 600, 800, 1000, 1200 mm	
Shore A hardness	65 ± 5	DIN 53505
Temperature resistance	150°C (long-term) 220°C (short-term)	
Tensile strength		DIN EN 12311-2
longitudinal	8.7 MPa	
lateral	8.6 MPa	
Elongation at break		DIN EN 12311-2
longitudinal	531 %	
lateral	483 %	
Joint peel strength	69 N/50 mm	DIN EN 12316-2
Joint shear resistance	282 N/50 mm	DIN EN 12317-2
Resistance to impact	300 mm	DIN EN 12691
Resistance to static load	25 kg	DIN EN 12730
Tear resistance		DIN EN 12310-2
longitudinal	40 N	
lateral	64 N	
Resistance to root penetration	passed	DIN EN 13948
Dimensional stability		DIN EN 1107-2
longitudinal	0.08 %	
lateral	0.05 %	
Foldability at low temperatures	- 60°C	DIN EN 495-5
UV exposure	passed	DIN EN 1297
Exposure to liquid chemicals	passed	DIN EN 1847
Hail resistance		DIN EN 13583
rigid support	17 m/s	
flexible support	37 m/s	

Vapour diffusion resistance	70000 µ	DIN EN 1931
Ozone resistance	passed	DIN EN 1844
Exposure to bitumen	passed	DIN EN 1548
Reaction to fire	class E	DIN EN 13501-1
External fire performance	passed	ENV 1187
Testing for artificial ageing	passed	DIN EN 1296
Watertightness	passed	DIN EN 1928

Processing:

The inner shell of facework or double-shell brickwork must be protected against penetrating dampness on base points and over lintels. Whereby the *PROOFMATE Z-FOLIE* must be laid in a gradient in the area of the interspace and out horizontally underneath the outer shell up to its outside edge.

Fixation to the inner shell or connection to an existing cellar sealing with the *PROOFMATE FD-SYSTEM* is carried out by bonding with *PROOFMATE F* (see Technical Data Sheet of *PROOFMATE FD-SYSTEM*).

The *PROOFMATE Z-FOLIE* must either be supported by a wedge-shaped insulation or a mortar chamfer e.g. formed with *F300*.

Safety information:

No special measures required

Packaging:

20 m rolls

Storage:

Shelf life at least 24 month in original packaging when stored in dry conditions between 15-25°C, protected from heat, frost and direct sunlight.

After the expiration the use of the product is generally not recommended, unless an approval has been provided by TPH. This approval can only be obtained by the quality assurance department of TPH releasing the material after verification of main properties being within specification.

Disposal:

Recommendation:

Small quantities of product residues can be disposed of as normal domestic waste. Dispose of bigger quantities must be effected in accordance with the corresponding local regulations.

Test certificates:

Testing of ignitability of *PROOFMATE Z-FOLIE* according to DIN EN ISO 11925-2:2010/C1:2011; Kiwa BDA Testing B.V. NL-Gorinchem 2014

Classification of fire behavior of *PROOFMATE Z-FOLIE* according to DIN EN 13501-1:2007+A1:2009; Kiwa BDA Testing B.V. NL-Gorinchem 2014

Testing of watertightness of *PROOFMATE Z-FOLIE* according to DIN EN 1928:2000; Kiwa BDA Testing B.V. NL-Gorinchem 2014

**Legal notice:**

The correct and thus successful application of our products is not subject to our control. A guarantee can be issued for the quality of our products within the framework of our sales and supply conditions, however not for successful processing. All data and specifications in this specification sheet are based on the present state of the art and the right to changes and adaptations for the sake of development remains explicitly reserved. The consumption specifications designated by us can be only average empirical values, where deviations are possible on an individual basis and therefore cannot be excluded by us.

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