

The expansion joint sealing strip

SELF-ADHESIVE, BITUMEN TOLERANT EXPANSION-JOINT SEALING STRIPS

RESIFLEX® SK is a self-adhesive, expansion joint sealing strip based on EPDM synthetic rubber and contains integral glass-fibre reinforcement in the outer edge areas. RESIFLEX® SK is not reinforced in the expansion zone. The underside is equipped with a self-adhesive, polymer-modified bitumen layer, protected by a detachable release film.

PRODUCT PROPERTIES

- RESIFLEX® SK can be permanently bonded with all RESITRIX® waterproof membranes. Connection with other material types may only be carried out after consultation with our Technical Department.
- RESIFLEX® SK meets DIN 4102, Sheet 1 (Building Material Class B2) and Class E acc. to DIN EN 13501-1.
- RESIFLEX® SK is CE-certified acc. to DIN EN 13956 and DIN EN 13967.

APPLICATIONS

- Expansion-joint sealing strips for the construction of expansion joints, particularly in the area of unused roof constructions and those that can be walked on, as well as components that touch the ground.
- RESIFLEX® SK can also be used in the transition zones of horizontal to vertical joints and within valley areas. RESIFLEX® SK cannot be used in areas where loose and fixed flange constructions are required.



RESIFLEX® SK

INSTALLATION INSTRUCTIONS

Ideally, RESIFLEX is arranged on the roof membrane to be installed, whereby the roof membrane is interrupted above the joint. RESIFLEX® SK is self-adhesive and is applied after full-surface priming using FG35 and an appropriate airing time. RESIFLEX® SK must be hot-air welded to a width of at least 40 mm on the edge of the expansion-joint sealing strip. The non reinforced expansion zone is above the joint and remains unbonded. If required as a result of construction progress,

RESIFLEX® SK can also be installed before fitting the roof membrane. Here, self adhesion after priming with surface primer FG35 is sufficient, without welding the edges of the strips. The construction of cross-joins and T-joins requires the additional use of RESIFLEX 3D.

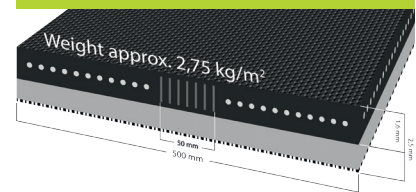
STORAGE





12 months in original packaging

MATERIAL PROPERTIES

OVERALL THICKNESS	2.5 mm ± 10%
TOTAL WIDTH	500 mm ± 0,8%
WIDTH OF NON-REINFORCED EXPANSION ZONE	80 mm ± 10%
TOTAL MASS	approx. 2.75 kg/m ²
ROLL LENGTH	10 m

STRUCTURE



-  EPDM + glass fibre reinforcement with integrated bonding courses
-  Glass fibre reinforcement
-  polymer-modified bitumen
-  PE film

PRODUCT CODE

60125168



When handling our products, please follow the information on our EC safety data sheets and the safety information on our container labels.

PHYSICAL PROPERTIES OF THE UN-REINFORCED EXPANSION ZONE

Tear-resistance acc. to DIN EN 12311-B (N/mm ²)	l: 6.1	t: 6.3
Elongation at tear acc. to DIN EN 12311-B (%)	l: 506	t: 584
Resistance to tear propagation acc. to DIN EN 12310-2 (N)	l: 30	t: 36
Water tightness acc. to DIN EN 1928-B (bar)	4	
Peel strength within the cross-seams acc. to DIN EN 12316-2 (N/50 mm)	139	
Cohesive resistance within the cross-seams acc. to DIN EN 12317-2 (N/50 mm)	369	
UV resistance acc. to DIN EN 1297	Met	

PHYSICAL PROPERTIES OF THE REINFORCED EXPANSION AREAS:

Maximum tensile load acc. to DIN EN 12311-2-A (N/50 mm)	l: 600	t: 555
Dimensional change after 6 hours at 100 °C acc. to DIN EN 1107-2 (%)	l: 0.0	t: 0.05
Peel strength of joint seam acc. to DIN EN 12316-2 (N/50 mm)	378	
Cohesive resistance of joint seam acc. to DIN EN 12317-2 (N/50 mm)	328	

l: longitudinal t: transverse

Both the information and the product descriptions contained in this publication have been compiled to the best of our knowledge and belief based on our prior experiences and tests. Claims for compensation may not be derived from the same. We reserve the right to make improvements to our product range, in accordance with our high standards in relation to technical advancement and the progression of quality.



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