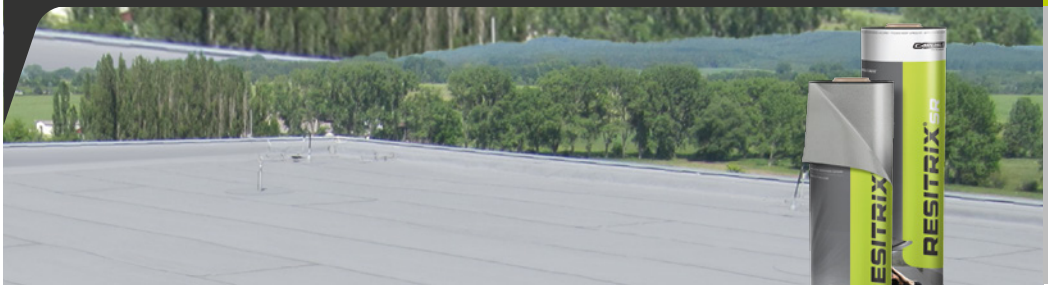
RESITRIX® SR



The grey, self-adhesive waterproofing membrane for solar reflective solutions

RESITRIX® SR is a grey, hot air-weldable waterproofing membrane based on the synthetic rubber EPDM with a glass fabric liner. The underside of the grey membrane has a self-adhesive, polymer-modified layer of bitumen that is protected by a detachable release film.

PRODUCT-SPECIFIC PROPERTIES:

- Membrane designation acc. to DIN SPEC 20000–201: DE/E1 EPDM BV V GG 1.6 PBS; membrane designation acc. to DIN SPEC 20000–202: BA/ MSB nQ EPDM BV V GG 1.6 SK
- CE certification acc. to DIN EN 13956 and DIN EN 13967
- Satisfies the requirements acc. to DIN 18531, the specialist regulations for waterproofing systems (Flat Roof Guidelines) and DIN 18195, as well as its follow-on standards DIN E 18532, DIN E 18533, DIN E 18534 and DIN E 18535

THE FOLLOWING APPLICATION VARIANTS ARE POSSIBLE:

- Partially self-adhesive on full-surface primer with FG 35
- Partially self-adhesive without primer (exposed or fresh bitumen substrate only)

Please refer to the RESITRIX® planning guidelines or the RESITRIX® installation instructions for the detailed substrate requirements.

RESITRIX® SR

MATERIAL-RELATED CHARACTERISTICS	
THICKNESS OF THE EPDM LAYER:	1.6 mm
TOTAL THICKNESS:	2.5 mm ± 10 %
SURFACE WEIGHT:	Approx. 2.75 kg/m²
STANDARD DELIVERY LENGTH PER ROLL:	10 m
DELIVERY WIDTH:	1,000 mm (other widths available on request)
SHELF LIFE:	12 months in original packaging

PHYSICAL CHARACTERISTICS			
TEST CRITERION	**TARGET VALUE**		**ACTUAL VALUE**
Tensile strength acc. to DIN EN 12311–2	Longitudinal: Transverse:	≥ 250 N/50 mm ≥ 200 N/50 mm	361 N/50 mm 333 N/50 mm
Ultimate elongation acc. to DIN EN 12311–2	Longitudinal: Transverse:	≥ 300 % ≥ 300 %	600 % 600 %
Dimensional stability after 6 hours at 80 °C acc. to DIN EN 1107–2	Longitudinal: Transverse:	≤ 0.5 % ≤ 0.5 %	+ 0.1 % + 0.2 %
Cold bending test at – 30 °C acc. to DIN EN 1109/DIN EN 495–5	No cracking		No cracking
Ozone resistance after 14 days in water acc. to DIN EN 1844	Grade 0		Grade 0
Joining seam's behaviour • Peel strength acc. to DIN EN 12316–2 • Shear strength acc. to DIN EN 12317–2		≥ 80 N/50 mm ≥ 200 N/50 mm	140 N/50 mm 570 N/50 mm
Water vapour diffusion resistance coefficient (μ) acc. to DIN EN 1931			Approx. 58,000
Application category acc. to DIN 18531			K1/K2
Property class acc. to DIN 18531			E1
Building material class acc. to DIN 4102, Part 1	B2		B2
Fire behaviour acc. to DIN EN 13501, Part 1	Class E		Class E
Fire behaviour acc. to DIN 4102, Part 7, and DIN EN 1187	Resistant to flying sparks and radiating heat		Resistant to flying sparks and radiating heat

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