

RESITRIX[®]

WATERPROOFING MEMBRANES

MB

MECHANICALLY FIXED

Rapid Installation –
Sealed for Life



Well-proven with tens of millions of square metres already successfully installed worldwide

RESITRIX[®] MB is a heat weldable and glass- reinforced, composite rubber membrane with an EPDM core. The underside has a polymer modified bitumen coating, with PE separating film.

- / Life expectancy of many decades
 - / Single layer application
 - / Fully elastic and highly flexible down to -30°C
 - / No Shattering- Effect
 - / Resistant to the effects of ozone, UV and infrared radiation without additional surface protection
 - / Resistant to a wide range of environmental chemicals and atmospheric emissions
 - / Compatible with bitumen
 - / Contains no chlorine or plasticisers
 - / Highly slip resistant even when wet
 - / No shrinkage throughout the entire service life
 - / Recyclable
 - / CE certification according to ETA-06/0257 and DIN EN 13967
 - / BBA certificate No 06/4329
 - / FM Standard Class No. 4470 Approved
- Variable application methods:**
- / Loose laid with mechanical fixings
 - / Loose laid with ballast
- Please consult the **RESITRIX[®]** planning guidelines and the **RESITRIX[®]** technical department for detailing and application instructions.

Material Properties			
Thickness:	3,1mm ± 10%	Width:	1000mm
Weight per unit area:	ca. 3,5 kg/m ²	Shelf life:	24 months in originally packed state
Length:	10m		

Physical values			
Test criterion	Required value	Actual value	
Tensile strength to DIN EN 12311-2	longitudinal: ≥ 250 N/50 mm transverse: ≥ 200 N/50 mm	361 N/50 mm	333 N/50 mm
Elongation at break to DIN EN 12311-2	longitudinal: ≥ 300% transverse: ≥ 300%	600%	600%
Dimensional stability after 6 hours at 80°C to DIN EN 1107-2	longitudinal: ≤ 0,5% transverse: ≤ 0,5%	+ 0,1 %	+ 0,2 %
Cold bending test at -30°C to DIN EN 1109 / DIN EN 495-5	no cracking	no cracking	
Ozone resistance after 14 days in water to DIN EN 1844	Grade 0	Grade 0	
Joints / Peel strength to DIN EN 12316-2 / Shear strength to DIN EN 12317-2	≥ 80N/50 mm ≥ 200N/50 mm	170 N/50 mm	700 N/50 mm
FM Standard Class No. 4470	Class 1	Passed	
Water vapour diffusion resistance index (μ) to DIN EN 1931		approx. 58.000	
Fire behaviour to DIN 4102, Part 1	B 2	B 2	
Reaction to fire to DIN EN 13501, Part 1	Class E	Class E	
Fire behaviour to DIN 4102, Part 7, and DIN EN 1187	resistant to flying sparks and radiating heat	resistant to flying sparks and radiating heat	
Fire Tests on Building Materials and Structures according to BS 476 Part 3 "External Fire Exposure Roof Test"	resistant to fire	resistant to fire	



The information in this publication is based on our experience and test results and is correct to the best of our knowledge and belief at the time of printing. No claims for compensation may be derived from it. 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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