

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 decades
- / Fully elastic down to temperatures of -30°C
- / 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 and plasticisers
- / Highly slip resistant even when wet
- / No shrinkage throughout the entire service life
- / Recyclable
- / European Technical Approval ETA-06/0257
- / BBA certificate No 06/4329
- / FM Standard Class No. 4470 Approved

Variable application methods:

- / Loose laid with mechanical fixings
- / Loose laid with ballast
- / Fully bonded with hot bitumen

Please consult the RESITRIX[®] planning guidelines and PDT 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	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	≥ 80N/50 mm	170 N/50 mm	
/ Shear strength to DIN EN 12317-2	≥ 200N/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	



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.

