

Technical Data Sheet Bitumen Walkway

Product Description / Use:

Bitumen Walkway is a polymer modified bitumen walkway membrane intended for use with the Paraflex and Paralon range of waterproofing membranes.

Manufactured with a contrasting red coloured slate granule coating to the upper surface of the membrane, it offers mechanical protection and slip resistance to designated walkway areas, such as access and maintenance routes.

The membranes compound is reinforced with a synthetic non-woven continuous filament polyester fabric, enabling plasticity, elastic behaviour and superior resistance to mechanical damage. The lower face is coated with Termotene® fusible film which aids unrolling and facilitates torch bonding to various substrates.

The bitumen compound's formulation ensures high mechanical performance, cold flexibility at temperatures down to -20°C and excellent fatigue strength.

The membrane contains no asbestos, tar or other dangerous substances.



Certification:



NSAI



System Fire Testing:

Classification Standard BS EN 13501-5: 2016
Test Standard: CEN/TS 1187:2012

warringtonfire

Determination of external fire performance is a system test which will be influenced by the components within the roofing system.

Whilst the Bitumen Walkway membrane can be included in compliant B_{ROOF (t4)} systems, always check with MOY Technical Services for the very latest information on fire testing carried out.



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Technical Specification:

Specifications	EN Standards	Unit of Measure	Tolerances ⁽¹⁾	Bitumen Walkway ⁽²⁾
Roll dimensions	1848-1	m	≥	8 x 1 (-1%)
Thickness	1849-1	mm	±5%	-
Mass per unit area	1849-1	kg/m ²	±10%	4.5
Watertightness	1928-B	kPa	≥	60
Cold flexibility	1109	°C	≤	-20
Flow resistance at elevated temperature	1110	°C	≥	140
L/T tensile strength	12311-1	N/5cm	±20%	750/650
L/T tensile elongation	12311-1	%	±15	50/50
L/T dimensional stability	1107-1	%	≤	0.3
Static puncture	12730/B	kg	≥	25
Dynamic puncture	12691-B	mm	≥	1000
L/T tear resistance	12310-1	N	±30%	160/180
Joint peel resistance	12316-1	N/5cm	±20 N	60
Joint cut resistance	12317-1	N/5cm	±20%	650/550 ⁽³⁾
Durability after ageing:				
• Cold flexibility	1296-1109	°C	+15°C	-15
• Flow resistance at elevated temperature	1296-1110	°C	-10°C	130
• UV Ageing	1297	-	-	Passes the test
• Watertightness	1296-1928	kPa	≥	60
• Chemical resistance	-	-	-	NPD ⁽⁴⁾
• L/T tensile strength	12311-1	N/5cm	±20%	600/550
• L/T tensile elongation	12311-1	%	±15	45/45
Steam permeability	1931	μ	≥	20,000
External fire behaviour	13501-5	EC ⁽⁵⁾	-	NPD ⁽⁶⁾
Fire reaction	13501-1	EC ⁽⁵⁾	-	E ⁽⁷⁾

Notes:

- (1) In compliance with the applicable AISPEC/SITEB-MBP Guidelines.
- (2) Standard colour: Red. Other colours may be available upon request.
- (3) Declared value or off-joint breakage.
- (4) Characteristic not determined because it is not relevant for use.
- (5) Euroclass.
- (6) Determination of external fire performance is a system test which can be influenced by system components, thus performance for each individual product cannot be given.
- (7) Internal report

Delivery form:

Rolls.

Storage:

Rolls must be stored in their original package, in vertical position and under cool and dry conditions between temperatures of +5 °C and +35 °C. They must be protected from direct sunlight, rain, snow and ice.



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Shelf life:

They can be stored for up to 24 months in cool, dry conditions.

Safety:

Safety precautions to be taken when using this product is given in the Safety Data Sheet.

Disposal:

Information for this product is given in the Safety Data Sheet.

MOY Materials Ltd has taken care to ensure that the information provided in the literature is correct and up to date. However, it is not intended to form any part of a contract or provide a guarantee. Purchasers/intending purchasers should contact MOY Technical to check whether there have been any changes to the information since publication of the literature. Please ensure you have read the hazard labels and material safety data sheet before using this product.