

Technical Data Sheet Paraflex ARD/S 5mm

Product Description / Use:

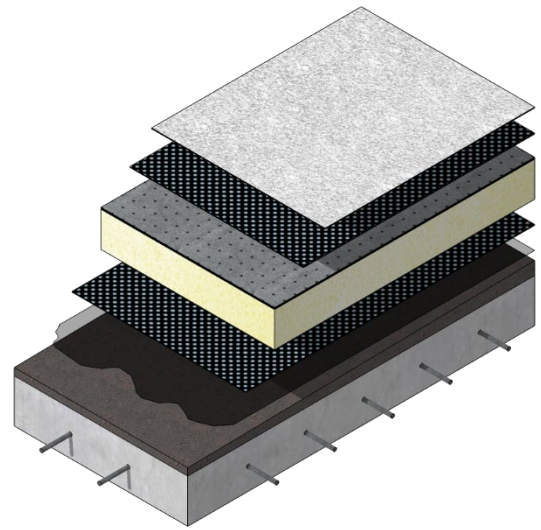
Paraflex ARD/S is a modified bitumen SBS polymer waterproofing membrane intended for all waterproofing applications including; Flat Roofs, Terraces, Podiums, Car Parks and Bridge Decks, Tunnels, Foundations and Underground Structures.

The Paraflex range of waterproofing membranes and may be used in new build and refurbishment applications and is suitable for application in low temperature conditions. Paraflex remains flexible at low temperatures and exhibits high resistance to thermal stress.

Paraflex ARD/S 5mm is manufactured with a slate granule coating to the upper surface of the membrane in various colours, offering UV protection and slip resistance. The membrane compound is reinforced with a synthetic non-woven continuous filament 250g/m² 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 Paraflex SBS bitumen compound's special formulation ensures high mechanical performance, cold flexibility at temperatures down to -25°C and excellent fatigue strength.

Paraflex membranes contain no asbestos, tar or other dangerous substances.



Certification:



NSAI

Safe2
Torch



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 Paraflex ARD/S 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	DIN EN Standards	Unit of Measure	Paraflex ARD/HS 5mm ⁽¹⁾
Roll length	1848-1	m	8
Roll width	1848-1	m	1
Thickness	1849-1	mm	5
Cold flexibility	1109	°C	-25
Flow resistance at elevated temperature	1110	°C	+100
L/T tensile strength	12311-1	N/5cm	800/800
L/T tensile elongation	12311-1	%	35/35
L/T dimensional stability	1107-1	%	0.3
Straightness	1848-1	mm/10m	≤ 20
Watertightness type A & T	1928 verf B	-	pass at 200 kPa/24h
Reaction to fire	ISO 11925-2	-	class E according to DIN 13501-1
External fire performance	V ENV 1187	-	NPD ⁽³⁾
Visible defects	1850-1	-	no visible defects
Peel resistance of joint	12316-1	N/5cm	NPD ⁽²⁾
Shear resistance of joint	12317-1	N/5cm	NPD ⁽²⁾
Resistance to impact	12691	mm	NPD ⁽²⁾
Resistance to static loading	12730	kg	NPD ⁽²⁾
L/T dimensional stability	1107-1	%	NPD ⁽²⁾
Artificial ageing DIN EN 1296	1109 1100	°C	NPD ⁽²⁾

Notes:

- (1) In compliance with the applicable AISPEC/SITEB-MBP Guidelines.
- (2) NPD - Characteristic not determined because it is not relevant for use.
- (3) 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.

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.

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.