

Data Sheet

Gas Resistant Detail Strip



Description

The gas tight self-adhesive membrane is produced in strips for detailing all gas resistant membrane systems, constructed from a polyethylene laminated aluminium with a self adhesive backing of bitumen- polymer adhesive compound.

Used as part of the ancillary products used in gas membrane systems as outlined in BBA certified Evolution, Evolution P-A and NSAI certified Rhinoplast Super & Rhinoplast Ultra Radon gas barrier systems for detailing and sealing laps, junctions, pipe & column penetrations and water proofing foundation and basement structures.

NB. The gas resistant detail strip will require a bitumen primer to adhere to some surfaces (steel, concrete, masonry).

Roll Sizes:

75mm x 20m
100mm x 20m
150mm x 20m
300mm x 20m

Property	Test Method	Units	Tolerance	Result
Water tightness to liquid water	EN 1928	-		Pass
Resistance to Static Load	EN 12730	kg		20kg Pass
Tensile Properties, Maximum Tensile Stress CD	EN 12311-2	N/mm ²		≥ 2
Tensile Properties, Maximum Tensile Stress MD	EN 12311-2	N/mm ²		≥ 2
Tensile Properties, Elongation at Break MD	EN 12311-2	%		≥ 120
Tensile Properties, Elongation at Break CD	EN 12311-2	%		≥ 120
Durability of Watertightness against ageing	EN 1847 Method A 60 KPa	-		Pass
Durability of Watertightness against chemicals	EN 1847 Method A 60 KPa	-		Pass
Resistance to Impact	EN 12691	mm		≥ 700
Resistance to tear (Nail Shank) CD	EN 12310-1	N		≥ 110
Resistance to tear (Nail Shank) MD	EN 12310-1	N		≥ 110
Reaction to Fire	EN 13501	Euro Class		Class F
Joint Strength	EN 12317-2	N		≥ 45
Water Vapour Transmission (Density Flow rate)	EN 1931	g/(day•m ²)		0.013
Water Vapour Transmission (Resistance factor, μ)	EN 1931	μ		2380000
Length	EN 1848-2	m	-0% to +5%	19.05
Width	EN 1842-2	m	-5% to +5%	1.05
Thickness	EN 1849-2	mm	-5% to +10%	1.5
Mass	EN 1849-2	g/m ²	-10% to +10%	1700
Other Data				
Methane GTR	ISO 15105-1	ml/m ² .day		<10
Carbon dioxide GTR	ISO 15105-1	ml/m ² .day		<10
Radon Diffusion		m ² /s		5.0 X 10 ⁻¹⁴
Roll Weight		kg		33