

# TRASPIR 115 FR

HIGHLY BREATHABLE MEMBRANE  
FLAMMABILITY INDEX 1



## INSTALLATION

It can be used on closed-joint facades and it also acts as temporary protective layer during construction work.

## COMPOSITION

### top layer

non-woven PP fabric with flame retardants

### middle layer

PP breathable film

### bottom layer

non-woven PP fabric with flame retardants



## TECHNICAL DATA

EU Properties	standard	value	USC conversion
Mass per unit area	EN 1849-2	115 g/m <sup>2</sup>	0.38 oz/ft <sup>2</sup>
Thickness	EN 1849-2	0,3 mm	12 mil
Water vapour transmission (Sd)	EN 1931	0,05 m	69.93 PERM
Tensile strength MD/CD	EN 12311-1	245 / 125 N/50mm	28 / 14 lb/in
Elongation MD/CD	EN 12311-1	52 / 57 %	-
Resistance to nail tearing MD/CD	EN 12310-1	170 / 190 N	38 / 43 lbf
Watertightness	EN 1928	class W1	-
Temperature resistance	-	-40 / 80 °C	-40 / 176 °F
Reaction to fire	EN 13501-1	class E	-
Resistance to penetration of air	EN 12114	0 m <sup>3</sup> /(m <sup>2</sup> h50Pa)	0 cfm/ft <sup>2</sup> at 50Pa
Thermal conductivity (λ)	-	0,3 W/(m·K)	2.08 BTU/h·ft·°F
Specific heat	-	1800 J/(kg·K)	-
VOC content	-	0 %	-
UV stability <sup>(1)</sup>	EN 13859-1/2	2 months	-
Exposure to weather	-	2 weeks	-
Water column	ISO 811	> 250 cm	> 98.4252 in
After ageing:			
- watertightness	EN 1297 / EN 1928	class W1	-
- maximum tensile force MD/CD	EN 1297 / EN 12311-1	235 / 115 N/50mm	27 / 13 lb/in
- elongation	EN 1297 / EN 12311-1	40 / 43 %	-
Flexibility at low temperatures	EN 1109	-40 °C	-40 °F

<sup>(1)</sup> For the correlation between laboratory tests and actual conditions, see page 199 of "TAPES, SEALANTS AND MEMBRANES" catalogue.

AUS and NZ Properties	standard	value
Vapour classification	ASTM E96	Class 4
Vapour permeance	AS/NZS 4200.1	2,322 µg/N s
Resistance to water penetration	AS/NZ 4201.4	Water barrier
Flamability index	AS 1530.2	<5 <sup>(2)</sup>
Duty classification	AS/NZS 4200.1	Light wall
Tensile strength MD/CD	AS 1301.448s	4,8/3,5 kN/m
Edge tearing resistance MD/CD	AS/NZS 4200.0	235/174 N
Burst strenght	AS 2001.2.19 / AS/NZS 4200.1	299 N
Shrinkage	AS/NZS 4201.3	<0.5%
Emittance front/back	AS/NZS 4201.5	Non reflective
Electrical conductivity	AS 3100 / AS/NZS 4200.1	Non conductive

<sup>(2)</sup> This product is suitable for use in BAL regions 12.5 to 40 in accordance with AS 3959. Wherever non-combustible material is required by the NCC it should be noted that this product is less than 1mm thick and has a flammability index of less than 5.

## CODES AND DIMENSIONS

CODE	description	tape	H	L	A	H	L	A	
			[m]	[m]	[m <sup>2</sup> ]	[ft]	[ft]	[ft <sup>2</sup> ]	
T115F	TRASPIR 115 with fire retardant 1,5 m	-	1,5	50	75	5	164	807	36