

TRASPIR 115 FR

HIGHLY BREATHABLE MEMBRANE FLAMMABILITY INDEX 1

CE
EN 13859-1/2



AS-1530.2-1993 TESTED

Sarking type material, tested according to AS 1530.2-1993 "Methods for Fire Tests on Building Materials, Components and Structures. Part 2: Test for Flammability of Materials" achieving a flammability index of 1.

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

Properties	standard	value	USC conversion
Mass per unit area	EN 1849-2	115 g/m ²	0.38 oz/ft ²
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	-
Flammability index	AS 1530.2	1	-
Resistance to penetration of air	EN 12114	0 m ³ /(m ² h50Pa)	0 cfm/ft ² at 50Pa
Thermal conductivity (λ)	-	0,3 W/(m·K)	2.08 BTU/h·ft·°F
Specific heat	-	1800 J/(kg·K)	-
Density	-	approx. 380 kg/m ³	approx. 0.22 oz/in ³
Water vapour resistance factor (μ)	-	approx. 160	approx. 0.25 MNs/g
VOC content	-	0 %	-
UV stability ⁽¹⁾	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

CODES AND DIMENSIONS

CODE	description	tape	H [m]	L [m]	A [m ²]	H [ft]	L [ft]	A [ft ²]	
T115F	TRASPIR 115 FR 1,5 m	-	1,5	50	75	5	164	807	36