

TRASPIR 110

Highly breathable membranes

Microporous film and polypropylene (PP) protective layers



EN13859-1/2

FR
CPT 3651_2
HPV
pare-pluie

IT
UNI 11470
D/R1



TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	112 g/m ²
Thickness	EN 1849-2	0.4 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931 / EN ISO 12572	0.02 m
Maximum tensile force	EN 12311-1	250 / 165 N/50 mm
Elongation	EN 12311-1	50 / 70 %
Nail tear strength	EN 12310-1	115 / 135 N
Watertightness	EN 1928	class W1
Water column	EN 20811	> 250 cm
UV resistance *	EN 13859-1	2 months
Temperature resistance	-	-40 / +80 °C
Reaction to fire	EN 13501-1	class E
Resistance to penetration of air	EN 12114	< 0.02 m ³ /m ² h50Pa
After ageing:		
• maximum tensile force MD/CD	EN 13859-1	220 / 145 N/50 mm
• watertightness	EN 13859-1	class W1
• elongation MD/CD	EN 13859-1	40 / 60 %
Flexibility at low temperature	EN 1109	-30 °C
Dimensional stability	EN 1107-2	< 2 %
Thermal conductivity (λ)	-	0.3 W/mK
Specific heat	-	1800 J/kgK
Density	-	approx. 264 kg/m ³
Water vapour resistance factor (μ)	-	approx. 50
VOC emissions	-	0 % (class A+)

* for more indications, see page 19

COMPOSITION



- 1 top layer: non-woven PP fabric
- 2 middle layer: PP breathable film
- 3 bottom layer: non-woven PP fabric

CODES AND DIMENSIONS

code	ex code	description	tape	H x L [m]	A [m ²]	pcs/
T110	D21502	TRASPIR 110	-	1.5 x 50	75	36

WHERE CAN IT
BE APPLIED?

