

TRASPIR 170

Highly breathable membranes

Microporous film and polypropylene (PP) protective layers



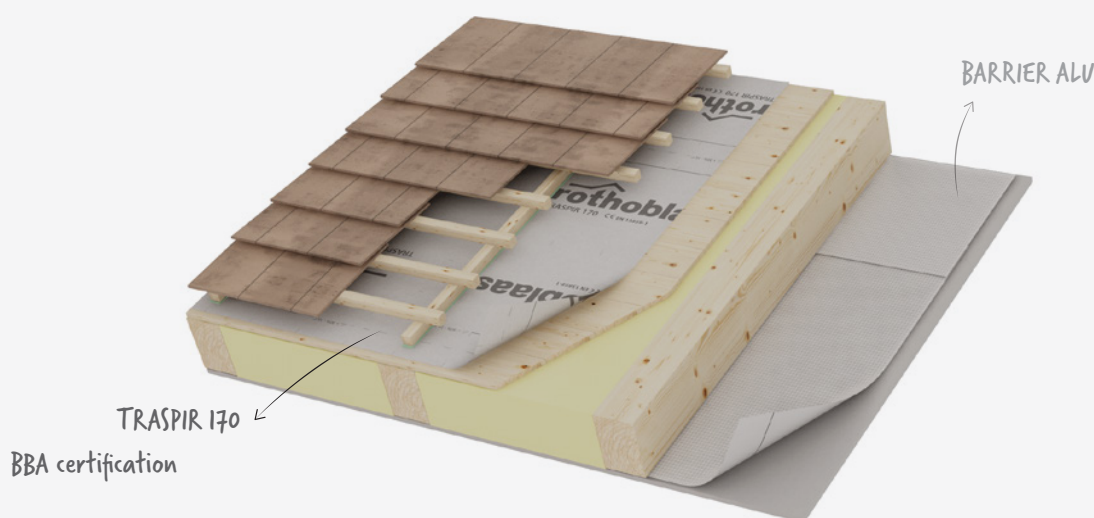
AT
Onorm B4119
UD-k RU

FR
CPT 3651_2
HPV
E1-Sd1-TR2

CH
SIA 232
UD EB

DE
ZVDH
UDB-A
USB-A

IT
UNI 11470
B/R2



TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	170 g/m ²
Thickness	EN 1849-2	0.6 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931 / EN ISO 12572	0.02 m
Maximum tensile force MD/CD	EN 12311-1	330 / 230 N/50 mm
Elongation MD/CD	EN 12311-1	55 / 80 %
Resistance to tearing MD/CD	EN 12310-1	190 / 230 N
Watertightness	EN 1928	class W1
Water column	EN 20811	> 300 cm
UV resistance *	EN 13859-1	3 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	290 / 200 N/50 mm
• watertightness	EN 13859-1	class W1
• elongation MD/CD	EN 13859-1	45 / 65 %
Flexibility at low temperature	EN 1109	-20 °C
Dimensional stability	EN 1107-2	< 2 %
Thermal conductivity (λ)	-	0.3 W/mK
Specific heat	-	1800 J/kgK
Density	-	approx. 280 kg/m ³
Water vapour resistance factor (μ)	-	approx. 33
Recommended installation pitch	-	> 10°
Driving rain test	TU Berlin	passed
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/
T170	D23802	TRASPIR 170	-	1.5 x 50	75	25
TTT170	D23804	TRASPIR 170 TT	TT	1.5 x 50	75	25

WHERE CAN IT
BE APPLIED?

