

TRASPIR 190

Highly breathable membranes

Microporous film and polypropylene (PP) protective layers



AT
Onorm B4119
UD-k RU

FR
CPT 3651_2
HPV
E1-Sd1-TR3

CH
SIA 232
UD EB

DE
ZVDH
UDB-A
USB-A

IT
UNI 11470
B/R3



TRASPIR 190
QB-CSTB certification

BARRIER

TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	190 g/m ²
Thickness	EN 1849-2	0.6 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931 / EN ISO 12572	0.05 m
Maximum tensile force MD/CD	EN 12311-1	375 / 305 N/50 mm
Elongation MD/CD	EN 12311-1	50 / 60 %
Resistance to tearing MD/CD	EN 12310-1	250 / 300 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 m ³ /m ² h50Pa
After ageing:		
• maximum tensile force MD/CD	EN 13859-1	350 / 280 N/50 mm
• watertightness	EN 13859-1	class W1
• elongation MD/CD	EN 13859-1	40 / 42 %
Flexibility at low temperature	EN 1109	-40 °C
Dimensional stability	EN 1107-2	-0.6 / 0.5 %
Thermal conductivity (λ)	-	0.3 W/mK
Specific heat	-	1800 J/kgK
Density	-	approx. 280 kg/m ³
Water vapour resistance factor (μ)	-	approx. 80
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/
T190	D24202	TRASPIR 190	-	1.5 x 50	75	25
TTT190	D24204	TRASPIR 190 TT	TT	1.5 x 50	75	25

Available by request with H = 3.0 m (code **T19030**)

WHERE CAN IT
BE APPLIED?

