

TRASPIR SUNTEX 200



Reflective highly breathable membranes

Microporous film and polypropylene (PP) protective layers with aluminized coating

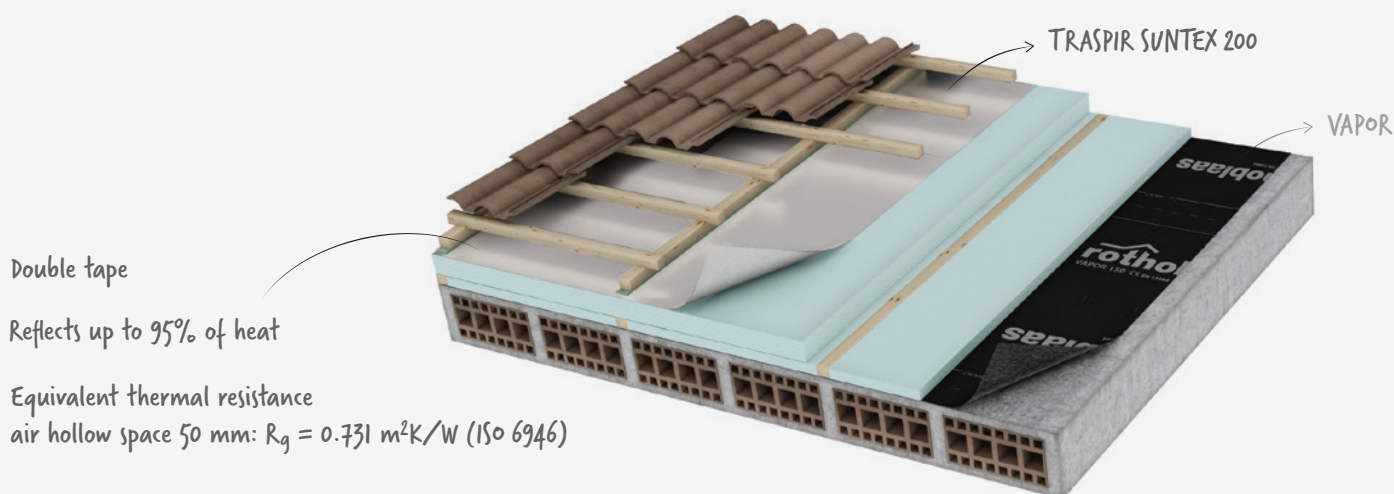
AT
Onorm B4119
UD-k RU

FR
CPT 3651_2
HPV
E1-Sd1-TR2

CH
SIA 232
UD EB

DE
ZVDH
UD-B-8
USB-B

IT
UNI 11470
A/R2

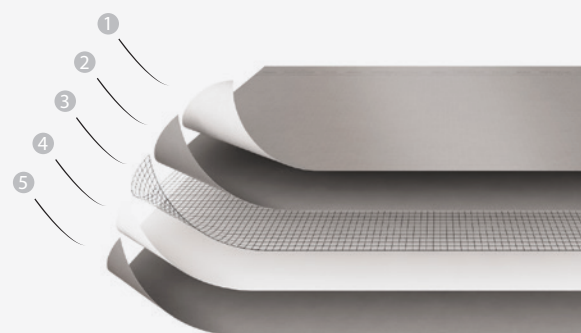


TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	200 g/m²
Thickness	EN 1849-2	0.8 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	350 / 190 N/50 mm
Elongation MD/CD	EN 12311-1	30 / 70 %
Resistance to tearing MD/CD	EN 12310-1	200 / 200 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 m³/m²h50Pa
After ageing:		
• maximum tensile force MD/CD	EN 13859-1	330 / 175 N/50 mm
• watertightness	EN 13859-1	class W1
• elongation MD/CD	EN 13859-1	25 / 50 %
Reflectivity	EN 15976	95 %
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. 300 kg/m³
Water vapour resistance factor (μ)	-	approx. 60
Recommended installation pitch	-	> 10°
Driving rain test	-	passed
VOC emissions	-	0 % (class A+)

* for more indications, see page 19

COMPOSITION



- 1 coating: perforated aluminium foil
- 2 top layer: non-woven PP fabric
- 3 reinforcing layer: reinforcing PL grid
- 4 middle layer: PL breathable film
- 5 bottom layer: non-woven PP fabric

CODES AND DIMENSIONS

code	ex code	description	tape	H x L [m]	A [m²]	pcs/
TTTSUN200	D42654	TRASPIR SUNTEX 200 TT	TT	1.5 x 50	75	30

WHERE CAN IT
BE APPLIED?



TRASPIR 270

Highly breathable membranes

Microporous film and polypropylene (PP) protective layers with double reinforcing grid



AT
Önorm B4119
UD-k RU

FR
CPT 3651_2
HPV
E1-Sd1-TR3

CH
SIA 232
UDEB

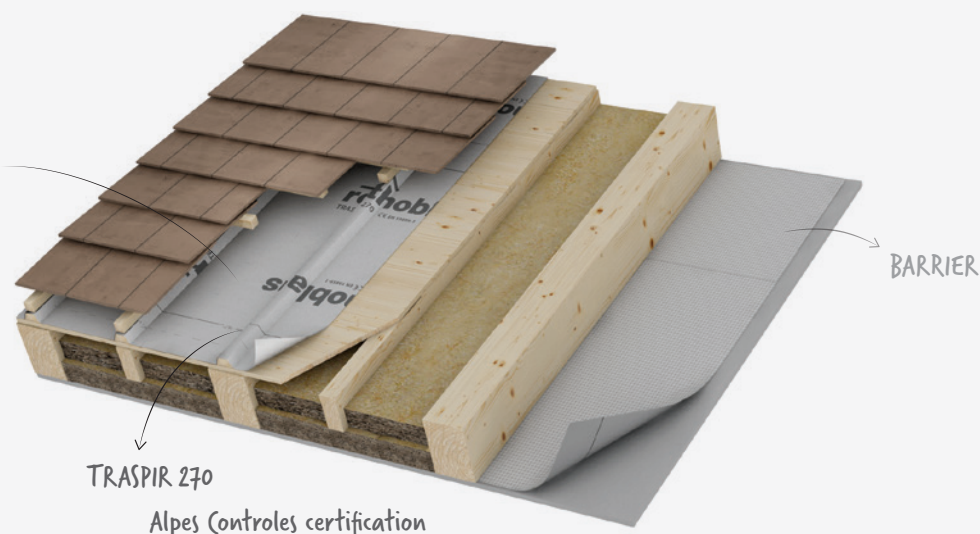
DE
ZVDH
UDB-B
USB-B

IT
UNI 11470
A/R3

High mechanical strength

Double reinforcing grids

Secure and reliable installation



TECHNICAL SPECIFICATIONS

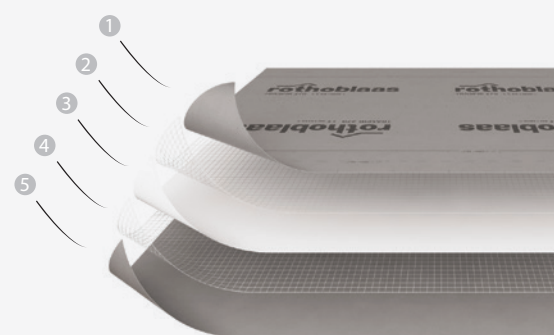
property	standard	value
Mass per unit area	EN 1849-2	270 g/m ²
Thickness	EN 1849-2	1.0 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931 / EN ISO 12572	0.04 m
Maximum tensile force MD/CD	EN 12311-1	650 / 800 N/50 mm
Elongation MD/CD	EN 12311-1	40 / 60 %
Resistance to tearing MD/CD	EN 12310-1	750 / 550 N
Watertightness	EN 1928	class W1
Water column	EN 20811	> 500 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	620 / 770 N/50mm
• watertightness	EN 13859-1	class W1
• elongation MD/CD	EN 13859-1	35 / 55 %
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. 260 kg/m ³
Water vapour resistance factor (μ)	-	approx. 40
Recommended installation pitch	-	> 10°
Driving rain test	-	passed
VOC emissions	-	0 % (class A+)
Joint strength	EN 12317-2	> 550 N/50 mm

* for more indications, see page 19

CODES AND DIMENSIONS

code	ex code	description	tape	H x L [m]	A [m ²]	pcs/ 
T270	D24802	TRASPIR 270	-	1.5 x 50	75	16
TTT270	D24804	TRASPIR 270 TT	TT	1.5 x 50	75	16

COMPOSITION



- 1 top layer: non-woven PP fabric
- 2 reinforcing layer: reinforcing PP grid
- 3 middle layer: PP breathable film
- 4 reinforcing layer: reinforcing PP grid
- 5 bottom layer: non-woven PP fabric

WHERE CAN IT
BE APPLIED?



TRASPIR EVO 300

Monolithic highly breathable film

Monolithic acrylic mix film, applied to polyester (PL) reinforcing layer

B-s1, d0

CE
EN13859-1

AT
Önorm B4119
UD-k RU

FR
CPT 3651_2
HPV
E1-Sd1-TR2

CH
SIA 232
UD EB

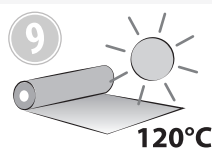
DE
ZVDH
UDB-A
USB-A

IT
UNI 11470
A/R1



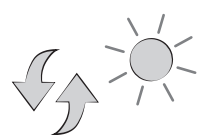
MONOLITHIC

The monolithic structure of the membrane guarantees excellent durability over time, thanks to the special polymers used



9 MONTH UV STABILITY

9 month resistance to UV rays with full exposure to radiation and no protection.
Thermal resistance up to 120 °C



PERMANENT UV STABILITY

Permanent resistance to UV rays with exposure with open joints up to 50 mm wide, and with up to 40% of the surface uncovered

DID YOU KNOW THAT...?

THERMAL STABILITY

The functional polyacrylate film offers thermal resistance up to +120 °C. This allows the product to also be used under solar and photovoltaic panels, or in areas where operating temperatures exceed the standards, without compromising performance.

CODES AND DIMENSIONS

code	ex code	description	tape	H x L [m]	A [m²]	pcs/
TTTEVO300	D42524	TRASPIR EVO 300 TT	TT	1.5 x 50	75	24

WHERE CAN IT
BE APPLIED?





Waterproofing and mechanical strength guaranteed even near points permanently exposed to the sun



Thermal resistance up to 120 °C for use in layers subject to high temperatures or accumulation of heat



TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	300 g/m ²
Thickness	EN 1849-2	0.5 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931 / EN ISO 12572	0.04 m
Maximum tensile force MD/CD	EN 12311-1	320 / 200 N/50 mm
Elongation MD/CD	EN 12311-1	30 / 35 %
Resistance to tearing MD/CD	EN 12310-1	130 / 140 N
Watertightness	EN 1928	class W1
Water column	EN 20811	> 500 cm
UV stability with joints up to 50 mm wide with up to 40% of the surface uncovered	EN 13859-1	permanent
UV resistance without final coating	EN 13859-1	9 months
Temperature resistance	-	-40 / +120 °C
Reaction to fire	EN 13501-1	class B-s1, d0
Resistance to penetration of air	EN 12114	< 0.02 m ³ /m ² h50Pa
After ageing:		
• maximum tensile force MD/CD	EN 13859-1	310 / 190 N/50 mm
• watertightness	EN 13859-1	class W1
• elongation MD/CD	EN 13859-1	28 / 33 %
Flexibility at low temperature	EN 1109	-40 °C
Dimensional stability	EN 1107-2	< 1 %
Thermal conductivity (λ)	-	0.3 W/mK
Specific heat	-	1800 J/kgK
Density	-	approx. 600 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+)
Joint strength	EN 12317-2	> 280 N/50 mm

COMPOSITION



① **top layer:** monolithic acrylate breathable film

② **middle layer:** PL fabric