

# TRASPIR SUNTEX 200



EN13859-1

Reflective highly breathable membranes

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



Double tape

Reflects up to 95% of heat

Equivalent thermal resistance

air hollow space 50 mm:  $R_g = 0.731 \text{ m}^2\text{K/W}$  (ISO 6946)

## TECHNICAL SPECIFICATIONS

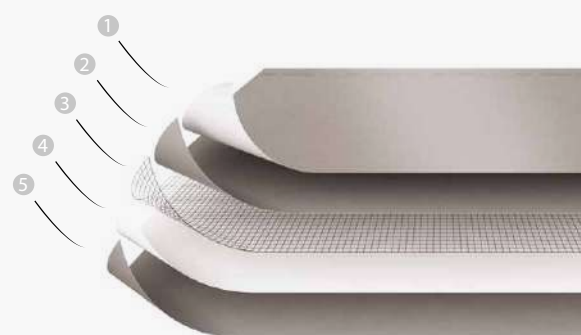
property	standard	value
Mass per unit area	EN 1849-2	200 g/m <sup>2</sup>
Thickness	EN 1849-2	0.8 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931 / EN ISO 12572	0.05 m
Maximum tensile force MD/CD	EN 12311-1	350 / 190 N/50 mm
Elongation MD/CD	EN 12311-1	30 / 70 %
Resistance 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 m <sup>3</sup> /m <sup>2</sup> h50Pa
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/m <sup>3</sup>
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

## CODES AND DIMENSIONS

code	ex code	description	tape	H x L [m]	A [m <sup>2</sup> ]	pcs/
TTTSUN200	D42654	TRASPIR SUNTEX 200 TT	TT	1.5 x 50	75	30

## 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

WHERE CAN IT BE APPLIED?

