

# TRASPIR SUNTEX 150

Reflective highly breathable membranes

Microporous film and polypropylene (PP) protective layers with plasma aluminized treatment



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/R3

Reflects up to 70% of heat

Equivalent thermal resistance hollow space  
50 mm air:  $R_g = 0.404 \text{ m}^2\text{K/W}$  (ISO 6946)

Plasma aluminized (durability)



## TECHNICAL SPECIFICATIONS

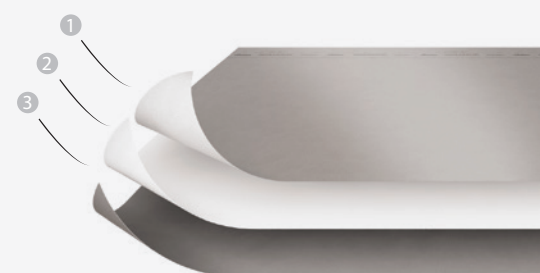
| property                           | standard               | value                                  |
|------------------------------------|------------------------|----------------------------------------|
| Mass per unit area                 | EN 1849-2              | 150 g/m <sup>2</sup>                   |
| Thickness                          | EN 1849-2              | 0.5 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             | 315 / 250 N/50 mm                      |
| Elongation MD/CD                   | EN 12311-1             | 61 / 66 %                              |
| Resistance to tearing MD/CD        | EN 12310-1             | 255 / 270 N                            |
| Watertightness                     | EN 1928                | class W1                               |
| Water column                       | EN 20811               | > 300 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 m <sup>3</sup> /m <sup>2</sup> h50Pa |
| After ageing:                      |                        |                                        |
| • maximum tensile force MD/CD      | EN 13859-1             | 295 / 225 N/50 mm                      |
| • watertightness                   | EN 13859-1             | class W1                               |
| • elongation MD/CD                 | EN 13859-1             | 45 / 47 %                              |
| Reflectivity                       | EN 15976               | 70 %                                   |
| 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. 300 kg/m <sup>3</sup>          |
| Water vapour resistance factor (μ) | -                      | approx. 100                            |
| Recommended installation pitch     | -                      | > 13°                                  |
| Driving rain test                  | TU Berlin              | 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/ |
|---------|---------|--------------------|------|-----------|---------------------|------|
| TSUN150 | D42632  | TRASPIR SUNTEX 150 | -    | 1.5 x 50  | 75                  | 30   |

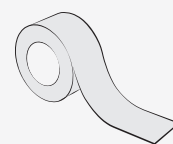
## COMPOSITION



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

code **SUN75** (D52514)  
SUN BAND  
page 121

measure: 75 mm x 20 m  
pcs/box 8



WHERE CAN IT  
BE APPLIED?

