TRASPIR ADHESIVE 260

BREATHABLE SELF-ADHESIVE MEMBRANE

CE
EN 13859-1/2

ASTM E84 class 1 class A | AS1530.2 index 1

AUS AS/NZS 4200.1 Class 4 | USA IRC vp | A Önorm B4119 UD Typ I US | CH SIA 232 UD (g) | D ZVDH USB-A UDB-A | F DTU 31.2 E1 Sd1 TR2 E600 Jf C1 | I UNI 11470 A/R3

ABRASION RESISTANCE | SPECIAL GLUE | BREATHABLE

CAN/ULC-S741 PASS | ASTM Fastener sealing D1970

SELF-ADHESIVE

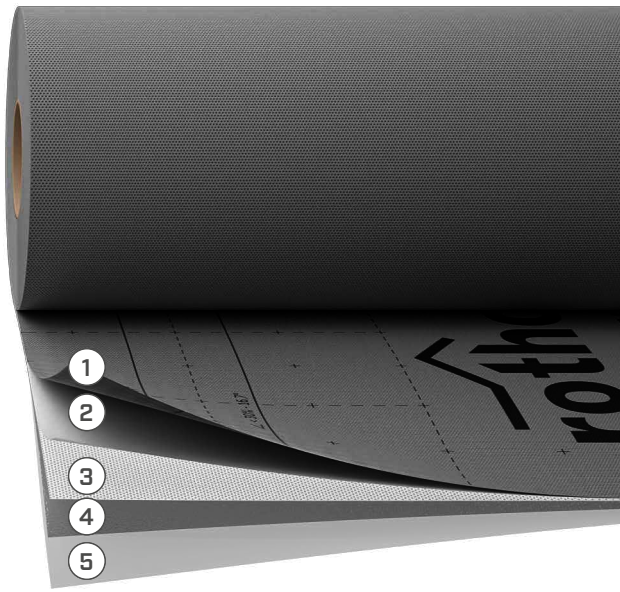
Thanks to the new generation glue, the membrane ensures good adhesion even on rough OSB.

SECURE SEALING

The adhesive surface prevents the formation of airflow behind the membrane in case of accidental breakage or failure to seal.

BREATHABLE

Thanks to the patented glue, the membrane remains perfectly breathable even when fully bonded.



COMPOSITION

1. **top layer:** non-woven PP fabric
2. **middle layer:** PP breathable film
3. **bottom layer:** non-woven PP fabric
4. **glue:** breathable, durable and solvent-free
5. **release liner:** removable plastic film

CODES AND DIMENSIONS

CODE	description	liner [mm]	H [m]	L [m]	A [m²]	*H [ft]*	*L [ft]*	*A [ft²]*	
TA260	TRASPIR ADHESIVE 260	150/1300	1,45	50	72,5	*5*	*164*	*780*	16
TAS260	TRASPIR ADHESIVE 260 STRIPE	180/180	0,36	50	18	*1.18*	*164*	*194*	30

Available in different widths on request.

SPECIAL GLUE

The glue is formulated specifically to ensure breathability while preserving the membrane's properties. The special glue provides long-term performance, UV stability and water resistance, offering optimal adhesion at both high and low temperatures.

CONSTRUCTION SITE

During construction, it is crucial to protect the structure, especially if it will remain exposed after completion. TRASPIR ADHESIVE 260 provides excellent protection.

TECHNICAL DATA

Properties	standard	value	*USC units*
Mass per unit area	EN 1849-2	260 g/m^2	*0.85 oz/ft^2*
Thickness	EN 1849-2	approx. 0,6 mm	*approx. 24 mil*
Water vapour transmission (Sd)	EN 1931	0,18 m	*19 US Perm*
Tensile strength MD/CD	EN 12311-1	315/250 N/50 mm	*36/29 lbf/in*
Elongation MD/CD	EN 12311-1	61/66 %	-
Resistance to nail tearing MD/CD	EN 12310-1	255/260 N	*57/58 lbf*
Watertightness	EN 1928	class W1	-
After ageing:			
- watertightness	EN 1297/EN 1928	class W1	-
- tensile strength MD/CD	EN 1297/EN 12311-1	295/225 N/50 mm	*34/26 lbf/in*
- elongation	EN 1297/EN 12311-1	45/47 %	-
Reaction to fire	EN 13501-1	class E	-
Resistance to penetration of air	EN 12114	< 0,02 m^3/(m^{2}h50Pa)	*< 0.001 cfm/ft^2 at 50Pa*
Resistance to temperature	-	-30/80 °C	*-22/176 °F*
UV stability[1]	EN 13859-1/2	336h (3 months)	-
Thermal conductivity (λ)	-	0,3 W/(m·K)	*0.17 BTU/h·ft·°F*
Specific heat	-	1800 J/(kg·K)	-
Density	-	435 kg/m^3	*approx. 27 lbm/ft^3*
Water vapour resistance factor (μ)	-	approx. 300	*approx. 0.9 MNs/g*
Adhesion strength on OSB at 90° after 10 min	EN 29862	2,5 N/10 mm	*1.4 lbf/in*
Adhesion strength on OSB at 180° after 10 min	EN 29862	3,5 N/10 mm	*2.0 lbf/in*
Adhesion strength (average) on TRASPIR ADHESIVE 260 after 24h[2]	EN 12316-2	16 N/50 mm	*1.8 lbf/in*
Shear adhesion strength of the joint on TRASPIR ADHESIVE after 24h[3]	EN 12317-2	145 N/50 mm	*16.5 lbf/in*
Storage temperature[4]	-	5/30 °C	*41/86°F*
Application temperature	-	-5/35 °C	*23/95 °F*
Solvents	-	no	-

[1] Laboratory ageing test data cannot reproduce unforeseeable causes of the product's degradation, or consider the stresses to which it will be subjected during its service life. To ensure its integrity, as a precautionary measure, exposure to weathering during construction should be limited to a maximum of 4 weeks.
[2] Minimum required value according to DTU 31.2 P1-2 (France): 15 N/50 mm.
[3] Minimum required value according to DTU 31.2 P1-2 (France): 40 N/50 mm.
[4] Store the product in a cool, dry place for no more than 12 months.

Waste classification (2014/955/EU): 08 04 10.

USA and CA Properties	standard	value
Water vapour transmission (dry cup)	ASTM E96/ E96M	15.4 US PERM 885 ng/(s·m^2·Pa)
Water vapour transmission (wet cup)	ASTM E96/ E96M	23.1 US PERM 1318 ng/(s·m^2·Pa)
Airtightness	ASTM E2178	compliant
Airtightness (before and after ageing)	CAN/ULC-S741	compliant
Total heat release rate	ASTM E1354	8.21 MJ/m^2
Surface burning characteristics	ASTM E84	class 1 or class A
Flame spread index (FSI)	ASTM E84	0
Smoke developed index (SDI)	ASTM E84	15
Resistance to water penetration at 300 Pa on wall	ASTM E331	compliant
Sealability aroud the fasteners	ASTM D1970 (modified)	passed

AUS and NZ Properties	standard	value
Water vapour permeability	AS/NZS 4200.1	1,021 μg/N s
Resistance to water penetration	AS/NZ 4201.4	water barrier
Flamability index	AS 1530.2	< 5[5]
Tensile strength MD/CD	AS 1301.448s	depends on substrate[6]
Edge tearing resistance MD/CD	AS/NZS 4200.0	depends on substrate[6]
Burst strength	AS 2001.2.19/AS/NZS 4200.1	depends on substrate[6]

(5) Tested with release liner removed and adhered to 3 mm plywood. This product is suitable for use in BAL regions 12.5 to 40 in accordance with AS 3959. Wherever non-combustible material is required by the NCC it should be noted that this product is less than 1mm thick and has a flammability index of less than 5.
[6] Performance characteristics will be modified by the rigid substrate.

RESISTANCE TO WATER PENETRATION

TRASPIR ADHESIVE 260 has been tested in accordance with ASTM E331 to confirm its effectiveness against water jets at 75 Pa and 300 Pa.

WATER JET PRESSURE	OUTCOME	NOTES AND REMARKS
300 Pa	passed	**no infiltration**