

TRASPIR EVO UV ADHESIVE

CE
EN 13859-1/2

SELF-ADHESIVE BREATHABLE MONOLITHIC MEMBRANE RESISTANT TO UV RAYS

OPEN JOINTS: 10000h UV

UV resistance is permanent even when exposed to open joints on façades up to 50 mm wide and uncovering a maximum of 40 % of the surface area for façade application.

IT RESISTS FIRE AND PROTECTS THE BUILDING

It has fire reaction B-s1,d0 and flame retardant capacity according to EN 13501-1.

The low flame spread guarantees the safety of the building and people.



AUS
AS/NZS
4200.1
Class 4

USA
IRC
vp

D
ZVGH
USB-B
UDB-C

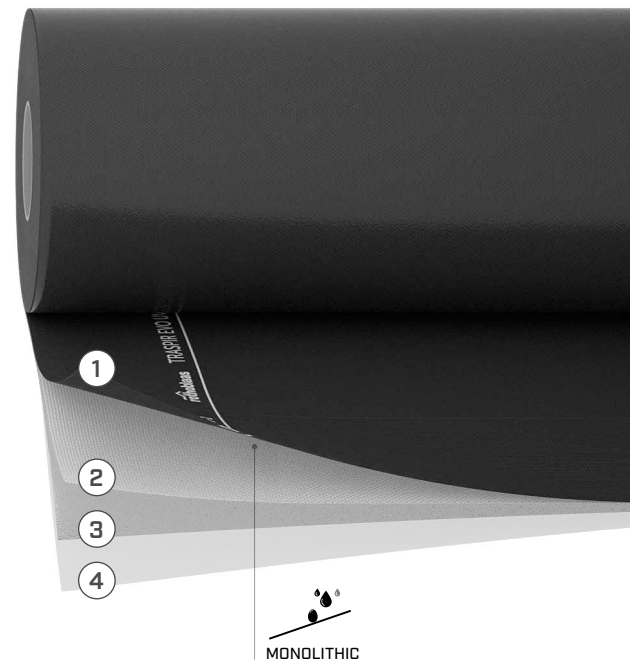
F
DTU 31.2
E1 Sd2 TR1
E600 JO C3

I
UNI 11470
A/R1



COMPOSITION

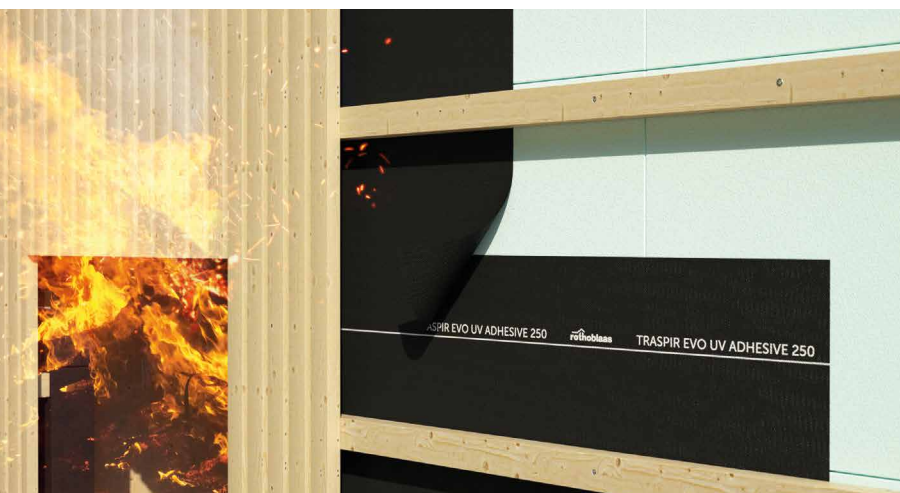
- 1 top layer: monolithic breathable polyacrylate film
- 2 bottom layer: PL fabric
- 3 glue: acrylate dispersion without solvents
- 4 separation layer: pre-cut removable plastic film



CODES AND DIMENSIONS

CODE	description	H [m]	L [m]	A [m ²]	H [ft]	L [ft]	A [ft ²]	
TUVA	TRASPIR EVO UV ADHESIVE	1,45	50	72,5	4' 9 1/8"	164	780	16
MULTIUV360	MULTI BAND UV STRIPE 0,36 m	0,36	50	16	1' 2 1/8"	164	194	30

Available in different widths on request.



PERMANENT AND BREATHABLE UV STABILITY

The membrane's excellent durability is ensured by the polyacrylate and polyester backing, which has passed a 10,000-hour ageing test, and by the special breathable adhesive that preserves its functionality.

TECHNICAL DATA

Properties	standard	value	USC units
Mass per unit area	EN 1849-2	300 g/m ²	0.82 oz
Thickness	EN 1849-2	approx. 0.4 mm	16 mil
Water vapour transmission (Sd)	EN 1849-2	0,18 m	19 US Perm
Tensile strength MD/CD	EN 12311-1	300/200 N/50 mm	34/23 lb/in
Elongation MD/CD	EN 12311-1	25/25 %	-
Resistance to nail tearing MD/CD	EN 12310-1	120/120 N	27/27 lbf
Watertightness	EN 1928	class W1	-
After ageing ⁽¹⁾ :			
- watertightness at 120°C	EN 1297/EN 1928	class W1	-
- tensile strength MD/CD	EN 1297/EN 12311-1	290/190 N/50 mm	33/22 lb/in
- elongation	EN 1297/EN 12311-1	20/20 %	-
Resistance to penetration of air	EN 12114	< 0,02 m ³ /(m ² ·h·50Pa)	< 0.001 cfm/ft ² at 50Pa
Resistance to temperature	-	-30/+150 °C	-22/302 °F
Reaction to fire	EN 13501-1	B-s1,d0	-
UV resistance without final coating ⁽²⁾	EN 13859-1/2	10.000 h (>12 months)	-
UV stability with joints up to 50 mm wide exposing no more than 40% of the surface ⁽³⁾	-	permanent	-
Thermal conductivity (λ)	-	0,3 W/(m·K)	0.17 BTU/h ft °F
Specific heat	-	1800 J/(kg·K)	-
Density	-	approx. 750 kg/m ³	47 lbm/ft ³
Water vapour resistance factor (μ)	-	approx. 450	0.9 MNs/g
Adhesion strength on OSB at 90° after 10 min	EN 29862	2 N/10 mm	1.1 lbf/in
Adhesion strength on OSB at 180° after 10 min	EN 29862	1,5 N/10 mm	0.9 lbf/in
Adhesion strength (average) on TRASPIR EVO UV ADHESIVE after 24h	EN 12316-2	13 N/50 mm	1.5 lbf/in
Shear adhesion strength of the joint on TRASPIR EVO UV ADHESIVE after 24h ⁽⁴⁾	EN 12317-2	200 N/50 mm	22.8 lbf/in
Storage temperature ⁽⁵⁾	-	+5/+35 °C	41/95 °F
Application temperature	-	+5/+25 °C	41/77 °F
Solvents	-	no	-

(1) Ageing conditions are tested in accordance with EN 13859-2, Annex C, extended to 10.000h (standard 336h).

(2) 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 16 weeks (open joints).

(3) The membrane is not intended as a final waterproof layer for roofs.

(4) Minimum required value according to DTU 31.2 P1-2 (France): 40 N/50 mm.

(5) Store the product in a cool, dry place for no more than 12 months.

Installation in windy areas and/or adverse weather conditions requires the use of mechanical fasteners in the overlap areas. The thickness and stiffness of the tape should be taken into account when creating corner details.

Contains 1,1'-(ethane-1,2-diyl)bis(pentabromobenzene) [CAS 84852-53-9] >0.1% w/w; not intended to be released under normal conditions of use; use in accordance with installation instructions.

Dispose of in accordance with local regulations.

MULTI BAND UV

SPECIAL UV-RESISTANT HIGH-ADHESION TAPE



CODE	B [mm]	L [m]	B [in]	L [ft]	
MULTIUV60	60	25	2.4	82	10
MULTIUV360	360	50	14.2	164	30

For further information please see the "TAPES, MEMBRANES, SEALANTS AND FIRE PROTECTION" catalogue.
Visit www.rothoblaas.com in the catalogue section.



WATERPROOF, VAPOUR PERMEABLE

The monolithic composition and special glue make the membrane waterproof and airtight, but vapour permeable. This makes it easier for any seepage to dry out and protects the structure.

RECOMMENDATIONS FOR INSTALLATION: BARRIER, VAPOR AND TRASPIR ADHESIVE



APPLICATION ON FLOORS



SEALING FASTENING SYSTEMS

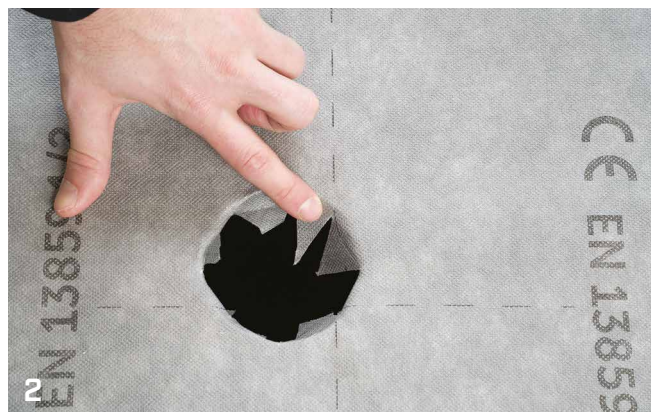


1 SPEEDY BAND 300, FLEXI BAND, PLASTER BAND

2 PROTECT, BYTUM BAND
PRIMER SPRAY, PRIMER

RECOMMENDATIONS FOR INSTALLATION: BARRIER, VAPOR AND TRASPIR ADHESIVE

APPLICATION AT A HOLE



1 MARLIN, CUTTER

APPLICATION ON WALL

