TRASPIR EVO UV ADHESIVE

CE
EN 13859-1/2

SELF-ADHESIVE BREATHABLE MONOLITHIC MEMBRANE RESISTANT TO UV RAYS

B-s1,d0

AUS	USA	A	D	F	I
AS/NZS 4200.1 Class 4	IRC vp	Önorm B4119 UD Typ I US	ZVDH USB-B UDB-C	DTU 31.2 E1 Sd2 TR1 E450 JO C3	UNI 11470 B/R1

OPEN JOINT 5000h UV

DURABILITY

SELF-ADHESIVE AND MONOLITHIC

It consists of a special polymer mix and has an adhesive film that adheres perfectly to any substrate structure.
The monolithic structure provides excellent weather and chemical resistance, guaranteeing 10 weeks of temporary protection.

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.

COMPOSITION

1. **top layer**: highly UV ray-stabilised non-woven PP fabric
2. **middle layer:** monolithic PU breathable film
3. **bottom layer:** non-woven PP fabric
4. **glue:** acrylate dispersion without solvents
5. **separation layer**: pre-cut removable plastic film

CODES AND DIMENSIONS

CODE	description	H [m]	L [m]	A [m²]	*H [ft]*	*L [ft]*	*A [ft²]*	
TUVA250	TRASPIR EVO UV ADHESIVE	1,45	50	72,5	*4' 9 1/8"*	*164*	*780*	16
TUVAS250	TRASPIR EVO UV ADHESIVE STRIPE 0,36 m	0,36	50	18	*1' 2 1/8"*	*164*	*194*	30

Available in different widths on request.

PERMANENT UV STABILITY

UV resistance is permanent even when exposed to open joints on façades up to 35 mm wide and uncovering a maximum of 30 % of the surface area for façade application.

TECHNICAL DATA

Properties	standard	value	*USC units*
Mass per unit area	EN 1849-2	250 g/m^2	*0.82 oz*
Thickness	EN 1849-2	approx. 0,7 mm	*28 mil*
Water vapour transmission (Sd)(*)	EN 1849-2	0,19 m	*18 US Perm*
Tensile strength MD/CD	EN 12311-1	270/225 N/50 mm	*17/13 lb/in*
Elongation MD/CD	EN 12311-1	50/70 %	-
Resistance to nail tearing MD/CD	EN 12310-1	180/220 N	*29/38 lbf*
Watertightness	EN 1928	W1	-
After ageing(3):			
- watertightness at 120°C	EN 1297/EN 1928	W1	-
- tensile strength MD/CD	EN 1297/EN 12311-1	180/145 N/50 mm	*> 11/8 lb/in*
- elongation	EN 1297/EN 12311-1	38/31 %	-
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/+120 °C	*-22/+248 °F*
Reaction to fire (*)	EN 13501-1	B-s1,d0 (*)	-
UV resistance without final coating(1)	EN 13859-1/2	5000 h (>12 months)	-
UV stability with joints up to 35 mm wide exposing no more than 30% of the surface(2)	-	permanent	-
Thermal conductivity (λ)	-	0,3 W/(m·K)	*2,08 BTU in/(h·ft^2·°F)*
Specific heat	-	1800 J/(kg/K)	-
Density	-	approx. 415 kg/m^3	*26 lbm/ft^3*
Water vapour resistance factor (μ)	-	approx. 475	*0.95 MNs/g*
Storage temperature(4)	-	+5/+35 °C	*41/95 °F*
Application temperature	-	+5/+25 °C	*41/77 °F*
Solvents	-	no	-

(*)Membrane support properties.
(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 10 weeks. According to DTU 31.2 P1-2 (France) 5000h of UV ageing equates to a maximum exposure period of 6 months during the construction phase.
(2)The membrane is not intended as a final waterproof layer for roofs.
(3)Ageing conditions are tested in accordance with EN 13859-2, Annex C, extended to 5000h (standard 336h).
(4)Store the product in a cool, dry place for no more than 12 months.
Installation in particularly windy areas and/or adverse weather conditions requires the use of mechanical fasteners in the overlap areas.

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

MULTI BAND UV

SPECIAL UV-RESISTANT HIGH-ADHESION TAPE

B-s1,d0

CODE	B [mm]	L [m]	*B [in]*	*L [ft]*	
MULTIUV60	60	25	*2.4*	*82*	10

See the product on page 106.

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.