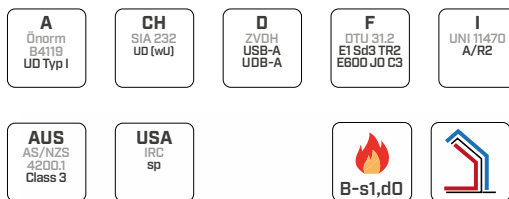


TRASPIR TIGHTWRAP

**SELF-ADHESIVE BREATHABLE MONOLITHIC
MEMBRANE RESISTANT TO UV RAYS**
Reaction to fire class B-s1,d0



SELF-ADHESIVE AND MONOLITHIC

It consists of a special polymer compound 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 protection if only the elements are covered.

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 and the impossibility of forming flammable particles guarantees the safety of the building and people.



COMPOSITION

- top layer
highly UV ray-stabilised PP non-woven fabric
- middle layer
breathable monolithic PU film
- bottom layer
non-woven PP fabric
- glue
acrylate dispersion without solvents
- release liner
precut removable plastic film

MONOLITHIC

CODES AND DIMENSIONS

CODE	description	mass per unit area [g/m ²]	H [m]	L [m]	A [m ²]	H [ft]	L [ft]	A [ft ²]
TUVA250	TRASPIR TIGHTWRAP	250	1,45	50	72,5	4' 9 1/8"	164	780
TUVAS250	TRASPIR TIGHTWRAP STRIPE	250	0,36	50	16	1' 2 1/8"	164	194



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.

REPOSITIONABLE

In case of a mistake during installation, the membrane can be repositioned and reapplied without difficulty.

TECHNICAL DATA

Properties	standard	value	USC conversion
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	0,5 m	7 perms
Tensile strength MD/CD	EN 12311-1	270 / 225 N/50mm	31 / 26 lb/in
Elongation MD/CD	EN 12311-1	50 / 70 %	-
Resistance to nail tearing MD/CD	EN 12310-1	180 / 220 N	40 / 49 lbf
Watertightness	EN 1928	W1	-
Resistance to temperature	-	-30 / +100 °C	-22 / 212 °F
Reaction to fire	EN 13501-1	B-s1,d0(*)	-
Resistance to penetration of air	EN 12114	0 m ³ /(m ² ·h·50Pa)	-
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	0,24 oz/cm ³
Water vapour resistance factor (μ)	-	approx. 715	2,5 MNs/g
UV resistance without final coating ⁽¹⁾	EN 13859-1/2	5 months	-
Weathering without final cladding ⁽¹⁾	-	10 weeks	-
UV stability with joints up to 35 mm wide exposing no more than 30% of the surface ⁽²⁾	-	permanent	-
After ageing:			
- watertightness	EN 1297 / EN 1928	W1	-
- maximum tensile force MD/CD	EN 1297 / EN 12311-1	180 / 145 N/50mm	21 / 17 lb/in
- elongation	EN 1297 / EN 12311-1	38 / 31 %	-
Solvents	-	no	-
Storage temperature	-	+5 / +35 °C	41 / 95 °F
Application temperature	-	+5 / +25 °C	41 / 77 °F

(*) Membrane support properties.

⁽¹⁾ Membrane subjected to artificial ageing test for 5000h (standard 336h).


⁽²⁾ The membrane is not suitable for standing water for long periods.

Installation in particularly windy areas and/or adverse weather conditions requires the use of mechanical fasteners in the overlap areas.

MULTI BAND UV

SPECIAL UV-RESISTANT HIGH-ADHESION TAPE
Reaction to fire class B-s1,d0



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

Find out more at www.rothoblaas.com.



WATERPROOF, VAPOUR PERMEABLE

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