

TRASPIR WELD EVO 360

3,0m

CE
EN13859-1

Weldable monolithic breathable film

Pair of monolithic thermoplastic polyurethane (PU) films, applied to polyester (PL) reinforcing layer

AT Önorm B4119 UD do-s ER	FR CPT 3651_2 E1-Sd3-TR3	CH SIA 232 UD AB	DE ZVDH UDB-A USB-A	IT UNI 11470 A/R3
---------------------------------	--------------------------------	------------------------	------------------------------	-------------------------



life long

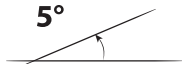
MONOLITHIC

The monolithic structure of the membrane guarantees excellent durability over time, thanks to the special polymers used



DOUBLE PROTECTION

Excellent watertightness; the double external PU layer ensures the highest safety levels

min
5°

LOW PITCHES

Thanks to its mass per unit area, the membrane can also be effectively installed on roofs with pitches down to 5°

DID YOU KNOW THAT...?

HOT WELDING AND CHEMICAL WELDING

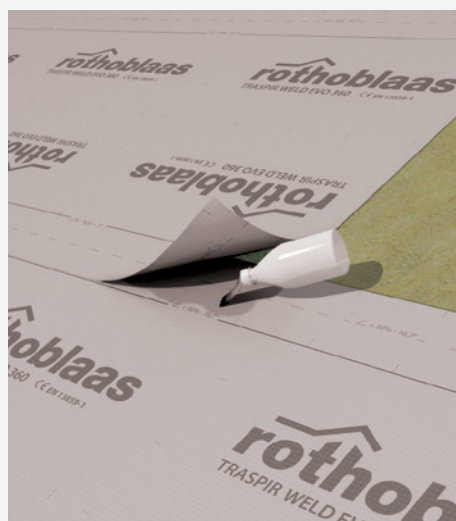
The double polyurethane membrane offers perfect welding on all overlapping and joints. With the possibility of both hot and chemical welding, the product makes it possible to create a single solid protective layer that is highly reliable, returning continuity to the various layers.

CODES AND DIMENSIONS

code	ex code	description	tape	H x L [m]	A [m ²]	pcs/
TEVO360	D42562	TRASPIR WELD EVO 360	-	1.5 x 25	37.5	24
TEVO36030	D42568	TRASPIR WELD EVO 360 3.0m	-	3.0 x 25	75	24

WHERE CAN IT
BE APPLIED?



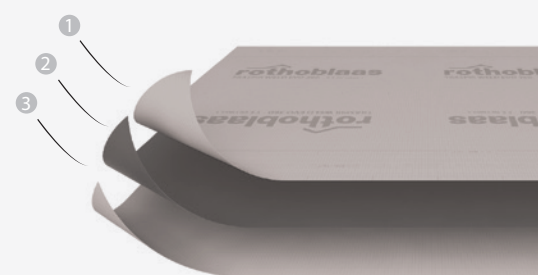


TECHNICAL SPECIFICATIONS

property	standard	value
Mass per unit area	EN 1849-2	360 g/m ²
Thickness	EN 1849-2	1 mm
Straightness	EN 1848-2	conforming
Water vapour transmission (Sd)	EN 1931 / EN ISO 12572	0.2 m
Maximum tensile force MC/CD	EN 12311-1	420 / 490 N/50 mm
Elongation MC/CD	EN 12311-1	50 / 65 %
Nail tear strength MC/CD	EN 12310-1	310 / 280 N
Watertightness	EN 1928	class W1
Water column	EN 20811	> 300 cm
UV resistance *	EN 13859-1	6 months
Temperature resistance	-	- 40 / +100 °C
Reaction to fire	EN 13501-1	class E
Resistance to penetration of air	EN 12114	0 m ³ /m ² h50Pa
After ageing:		
• maximum tensile force MD/CD	EN 13859-1	400 / 470 N/50 mm
• watertightness	EN 13859-1	class W1
• elongation MD/CD	EN 13859-1	50 / 65 %
Flexibility at low temperature	EN 1109	-30 °C
Dimensional stability	EN 1107-2	< 1 %
Thermal conductivity (λ)	-	0.4 W/mK
Specific heat	-	1800 J/kgK
Density	-	approx. 360 kg/m ³
Water vapour resistance factor (μ)	-	approx. 200
Recommended installation pitch	-	> 5°
Driving rain test	TU Berlin	passed
VOC emissions	-	0 % (class A+)
Joint strength	EN 12317-2	> 300 N/50 mm
WELD LIQUID yield	-	approx. 150 / 180 m ² /l

* for more indications, see page 19

COMPOSITION



- ① **top layer:** monolithic PU breathable film
- ② **middle layer:** PL reinforcing layer
- ③ **bottom layer:** monolithic PU breathable film

code **WELDBOTBRUSH** (D78420)
WELDING BOTTLE BRUSH



content: 0.5 L
pcs/box 1

code **WELDBRUSH** (D78422)
WELDING BRUSH



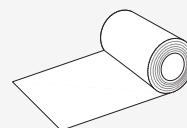
measure: 4 cm
pcs/box 1

code **WELDLIQUID** (D78421)
WELDING LIQUID



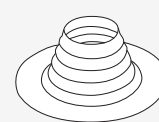
content: 1.0 L
pcs/box 1

code **WELDSTRIPE300** (D78423)
WELDING STRIPE



measure: 0.30 x 20 m
pcs/box 5

code **WELDPIPE** (D78424)
WELDING PIPE SLEEVE



diameter: 80 -125 mm
pcs/box 4