BARRIER NET SD40

VAPOUR BARRIER Sd 40 m

110 g/m²

CE
EN 13984

AUS	USA	A	CH	D	F	I
AS/NZS 4200.1 Class 2	IRC Class 1	Önorm B3867 DB	SIA 232 V.v.u.	ZVDH Dh	DTU 31.2 pare-vapeur	UNI 11470 D/R2

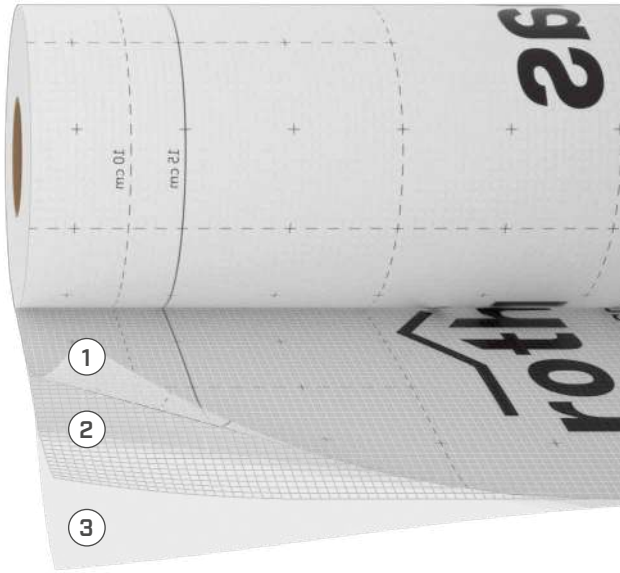
STRONGER

SEE THROUGH

TRANSPARENT
It ensures simple, fast and safe installation.

REINFORCING GRID
Thanks to its composition, it is not affected by mechanical stress or by staples and nails.

BLOWING
The reinforcement grid offers great resistance to the membrane, even in the event of pressure caused by the insulating material being blown.

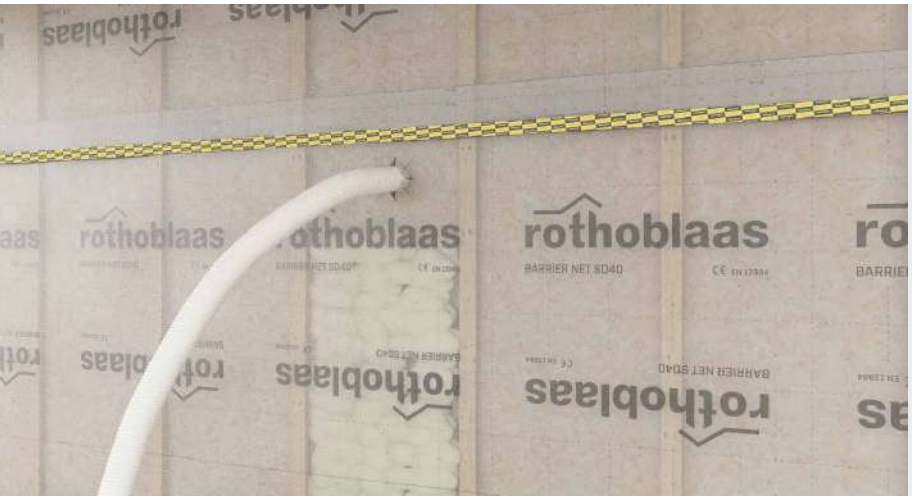


COMPOSITION

1. **top layer:** PE functional film
2. **reinforcing layer:** reinforcing PE grid
3. **bottom layer:** PE functional film

CODES AND DIMENSIONS

CODE	description	mass per unit area [g/m²]	tape	H [m]	L [m]	A [m²]	*H [ft]*	*L [ft]*	*A [ft²]*	
BAR40	BARRIER NET SD40	110	-	1,5	50	75	*5*	*164*	*807*	80



SAFE INSTALLATION

During installation of the insulation layer by means of blowing, mechanical stresses are applied for which the reinforcement grid can compensate.

POLYETHYLENE

Specific material with the function of strongly limiting the passage of vapour from the hot part to the cold part of structures, limiting the condensation problems.

TECHNICAL DATA

Properties	standard	value	*USC units*
Mass per unit area	EN 1849-2	110 g/m^2	*0.36 oz/ft^2*
Thickness	EN 1849-2	0,22 mm	*9 mil*
Water vapour transmission (Sd)[(1)]	EN 1931/EN ISO 12572	40 m	*0.087 US Perm*
Tensile strength MD/CD	EN 12311-2	> 220/190 N/50 mm	*> 25/22 lbf/in*
Elongation MD/CD	EN 12311-2	15/15 %	-
Resistance to nail tearing MD/CD	EN 12310-1	> 155/145 N	*> 35/33 lbf*
Watertightness	EN 1928	compliant	-
Water vapour resistance:			
- after artificial ageing	EN 1296/EN 1931	compliant	-
- in the presence of alkalis	EN 1847/EN 12311-2	npd	-
Reaction to fire	EN 13501-1	class F	-
Resistance to penetration of air	EN 12114	< 0,02 m^3/(m^{2}h50Pa)	*< 0.001 cfm/ft^2 at 50Pa*
Resistance to temperature	-	-20/80 °C	*-4/176 °F*
Indirect exposure to UV rays	-	2 weeks	-
Thermal conductivity (λ)	-	0,4 W/(m·K)	*0.23 BTU/h·ft·°F*
Specific heat	-	1800 J/(kg·K)	-
Density	-	approx. 500 kg/m^3	*approx. 31 lbm/ft^3*
Water vapour resistance factor (μ)	-	approx. 182000	*approx. 200 MNs/g*
VOC	-	not relevant	-

(1) Consult the Declaration of Performance for the minimum value.

Waste classification (2014/955/EU): 17 02 03.

RELATED PRODUCTS

SEAL BAND
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INVISI BAND
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BLACK BAND
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HAND STAPLER
page 397

MECHANICAL STRENGTH

The reinforcement grid provides high mechanical resistance to the product, preventing major breakage in case of puncture.