

BARRIER NET SD40

VAPOUR BARRIER Sd 40 m

110 g/m²

CE
EN 13984



AUS AS/NZS 4200.1 Class 2	USA IRC Class 1	A Dnorm B3667 DB	CH SIA 232 V.v.u.	D ZVDH Dh	F DTU 31.2 pare-vapeur	I UNI 11470 D/R2
---	------------------------------	----------------------------------	--------------------------------	------------------------	-------------------------------------	-------------------------------



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.

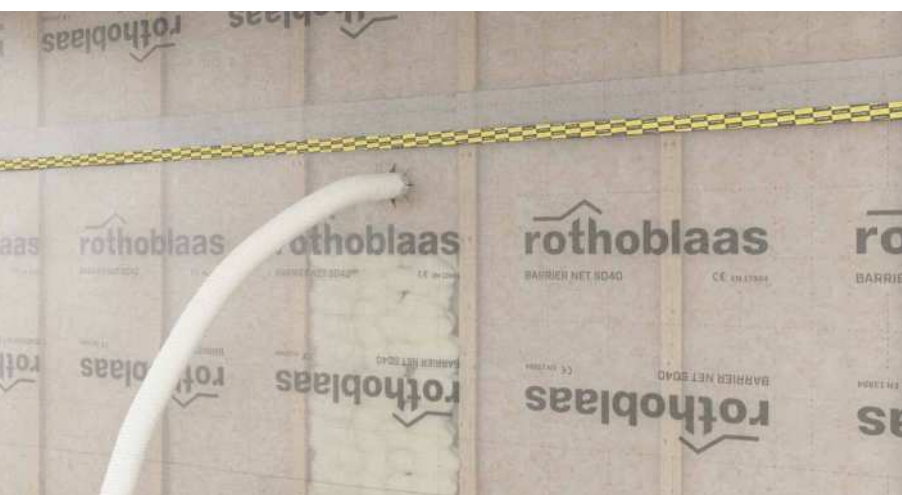
COMPOSITION

- 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/m ²]	tape	H [m]	L [m]	A [m ²]	H [ft]	L [ft]	A [ft ²]	
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
page 70



INVISI BAND
page 88



BLACK BAND
page 144



HAND STAPLER
page 397



MECHANICAL STRENGTH

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