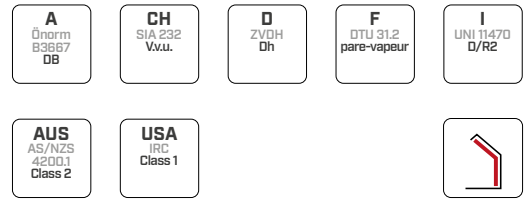


# BARRIER NET SD40

VAPOUR BARRIER Sd 40 m

110 g/m<sup>2</sup>



## TRANSPARENT

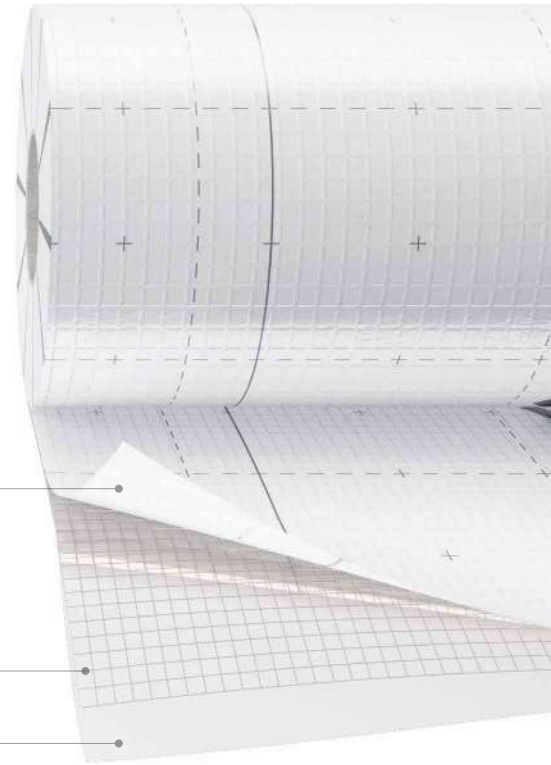
It ensures simple, fast and safe installation.

## 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

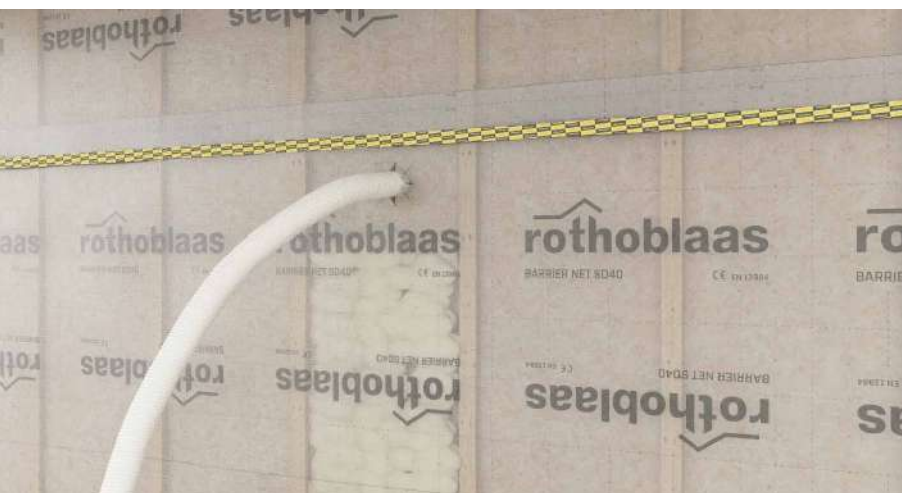
top layer  
PE functional film

middle layer  
PE reinforcing grid

bottom layer  
PE functional film

## CODES AND DIMENSIONS

CODE	description	mass per unit area [g/m <sup>2</sup> ]	tape	H [m]	L [m]	A [m <sup>2</sup> ]	H [ft]	L [ft]	A [ft <sup>2</sup> ]	
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 created which the reinforcement grid can compensate for.

## 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 conversion
Mass per unit area	EN 1849-2	110 g/m <sup>2</sup>	0.36 oz/ft <sup>2</sup>
Thickness	EN 1849-2	0,22 mm	9 mil
Water vapour transmission (Sd)	EN 1931	40 m	0.087 US perm
Maximum tensile force MD/CD	EN 12311-2	> 220 / 190 N/50mm	> 25 / 22 lb/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	conforming	-
Indirect exposure to UV rays	-	2 weeks	-
Temperature resistance	-	-20 / 80 °C	-4 / 176 °F
Reaction to fire	EN 13501-1	class F	-
Resistance to penetration of air	EN 12114	< 0,02 m <sup>3</sup> /(m <sup>2</sup> h50Pa)	< 0.001 cfm/ft <sup>2</sup> at 50Pa
Water vapour resistance:			
- after artificial ageing	EN 1296 / EN 1931	conforming	-
- in the presence of alkalis	EN 1847 / EN 12311-2	npd	-
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 <sup>3</sup>	approx. 0.29 oz/in <sup>3</sup>
Water vapour resistance factor (μ)	-	approx. 182000	approx. 200 MNs/g
VOC content	-	0 %	-

## RELATED PRODUCTS



SEAL BAND  
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SPEEDY BAND  
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HAND STAPLER  
page 331



### MECHANICAL STRENGTH

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