BARRIER NET ADHESIVE 200

SELF-ADHESIVE VAPOUR BARRIER SCREEN WITH REINFORCEMENT GRID

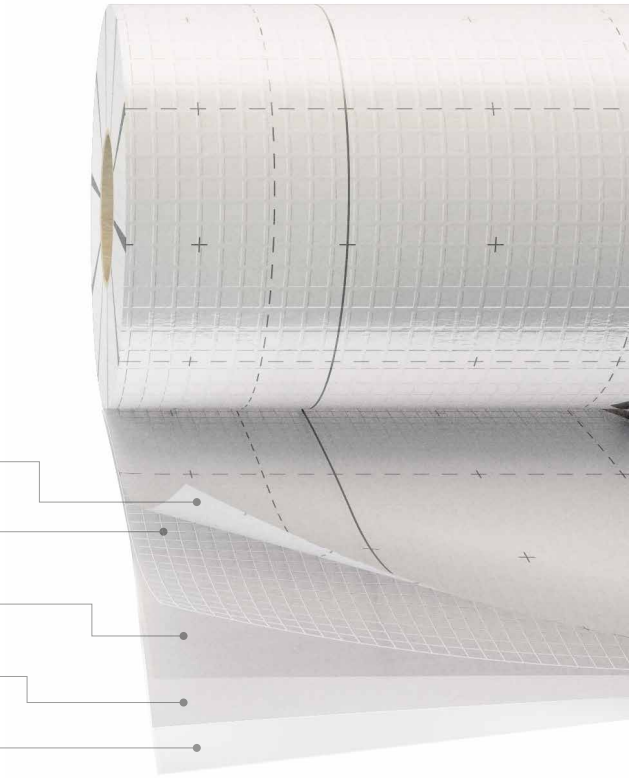
A Önorm B3667 DB | CH SIA 232 V.v.u. | D ZVDH Dh | F DTU 31.2 pare-vapeur | I UNI 11470 D/R2 | AUS AS/NZS 4200.1 Class 2 | USA IRC Class 1

TRANSPARENT AND SAFE

Quick to install, it can also be used as protection during construction.

RESISTANT AND NON-SLIP

The reinforcement grid provides high mechanical resistance and reduces the risk of slipping.



COMPOSITION

top layer
PE functional film

middle layer
PE reinforcing grid

bottom layer
PE functional film

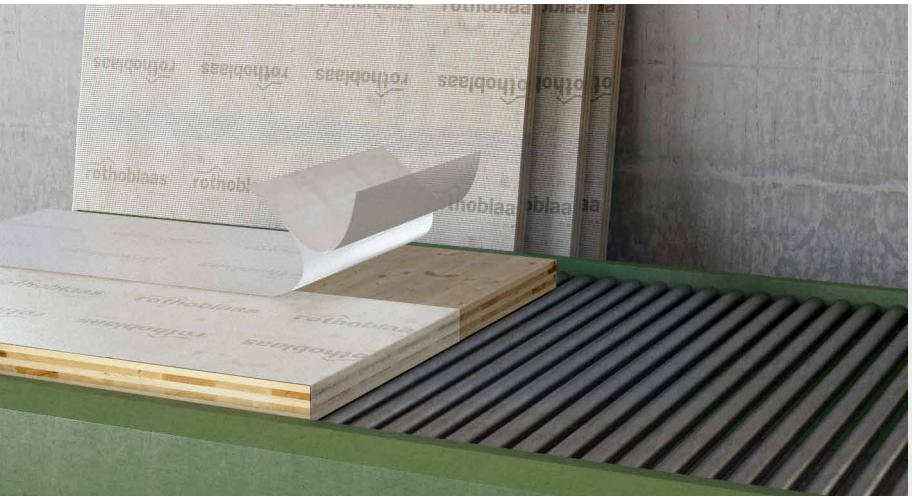
glue
acrylate dispersion without solvents

release liner
precut removable plastic film

CODES AND DIMENSIONS

CODE	description	mass per unit area	H	L	A	*H*	*L*	*A*
		[g/m²]	[m]	[m]	[m²]	*[ft]*	*[ft]*	*[ft²]*
BARA200	BARRIER NET ADHESIVE 200	200	1,45	50	72,5	*4.8*	*164*	*780*
BARAS200	BARRIER NET ADHESIVE 200 STRIPE	200	0,36	50	18,0	*1.18*	*164*	*194*

Available in different configurations on request. It is possible to customise the mass per unit area of the membrane, the amount of acrylic glue, the size and the pre-cut of the liner.



FAST INSTALLATION

The fully self-adhesive surface of the membrane allows fast and safe installation without compromising performance.

MECHANICAL STRENGTH

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

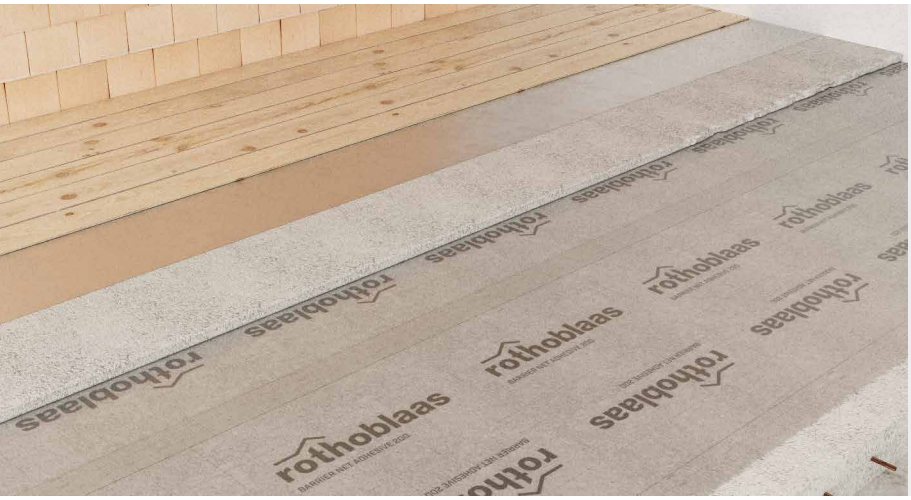
TECHNICAL DATA

Properties	standard	value	*USC conversion*
Mass per unit area	EN 1849-2	200 g/m^2	*0.66 oz/sft*
Thickness	EN 1849-2	0,3 mm	*12 mils*
Water vapour transmission (Sd)	EN 1931	47 m	-
Water vapour transmission (wet cup)	ASTM E96/ E96M	0.1 PERM	-
Maximum tensile force MD/CD	EN 12311-2	> 220 / 190 N/50mm	*> 25 / 22 lb/inch*
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	-
Temperature resistance	-	-20 / 80 °C	*-4 / 176 F*
Resistance to penetration of air	EN 12114	> 0,02 m^3/(m^{2}h50Pa)	*> 0.001 cfm/ft^2 at 50Pa*
Thermal conductivity (λ)	-	0,4 W/mK	*2.77 BTUin/hft^{2}F*
Specific heat	-	1800 J/(kgK)	-
Density	-	667 kg/m^3	*0.39 oz/in^3*
Water vapour resistance factor (μ)	-	approx. 157000	*235 MNs/g*
Exposure to weather	-	2 weeks	-
Adhesion strength on proper support at 180°	EN 12316-2	34 N/cm	*0.001941 lb/inch*
Storage temperature	-	5 / 25 °C	*41 / 77 °F*
Application temperature	-	-5 / 35 °C	*23 / 95 °F*
Solvents	-	no	-
Adhesion strength on steel at 90°	EN 12316-2	14,3 N/cm	*8.17 lbf/in*

RELATED PRODUCTS

VAPOR ADHESIVE 260

TRASPIR ADHESIVE 260



SPECIAL GLUE

The acrylic dispersion glue has a specific formulation to prevent altering the vapour control membrane functions of the functional film inside the membrane.

VAPOR ADHESIVE 260

SELF-ADHESIVE VAPOUR CONTROL MEMBRANE

A Önorm B3667 DB | CH SIA 232 V.v.u. V.v.o.>90mm | D ZVDH Dh | F DTU 31.2 pare-vapeur E1 Sd3 TR1 | I UNI 11470 A/R1 | AUS AS/NZS 4200.1 Class 2 | USA IRC Class2

SELF-ADHESIVE

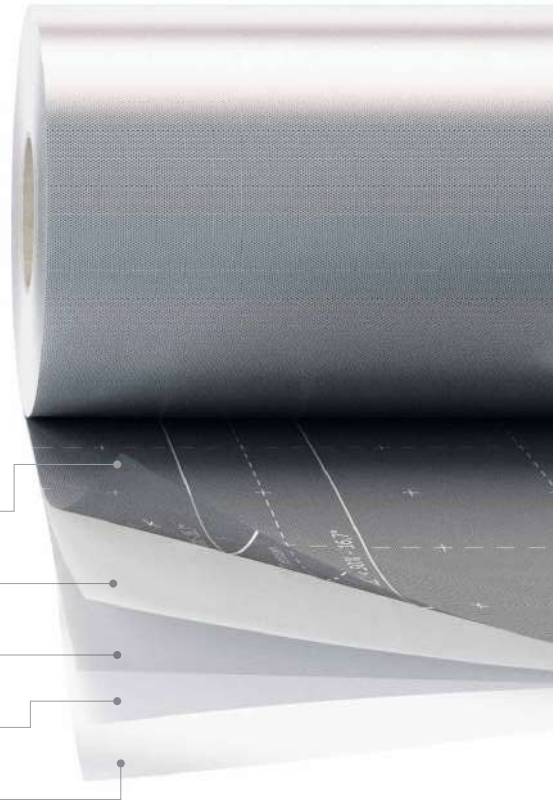
Thanks to the innovative formula of the new generation glue, the membrane ensures good adhesion even on rough OSB.

SECURE SEALING

The adhesive surface prevents the formation of airflow behind the membrane in case of accidental breakage or failure to seal.

VERSATILE

It offers a solution both as protection during construction and as an effective and safe vapour control membrane.



COMPOSITION

top layer
non-woven PP fabric

middle layer
vapour control PP film

bottom layer
non-woven PP fabric

glue
acrylate dispersion without solvents

release liner
precut removable plastic film

CODES AND DIMENSIONS

CODE	description	liner [mm]	H [m]	L [m]	A [m²]	*H [ft]*	*L [ft]*	*A [ft²]*	
VA260	VAPOR ADHESIVE 260	725 / 725	1,45	50	72,5	*4,8*	*164*	*780*	16
VAS260	VAPOR ADHESIVE 260 STRIPE	180 / 180	0,36	50	18	*1.18*	*164*	*194*	-

RAPIDITY

The fully self-adhesive surface allows fast and safe installation and does not compromise the performance of the product.

CONSTRUCTION SITE

During construction, it is essential to protect the structure, especially if it remains visible once the building is completed: VAPOR ADHESIVE 260 offers excellent protection.

TECHNICAL DATA

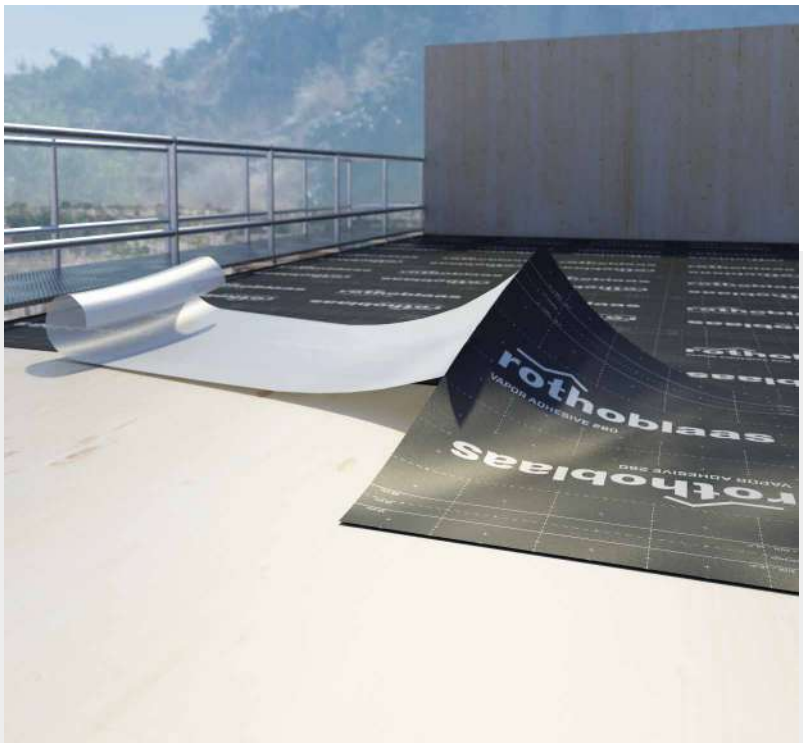
Properties	standard	value	*value*
Mass per unit area	EN 1849-2	260 g/m^2	*0.85 oz/ft^2*
Thickness	EN 1849-2	approx. 0,6 mm	*approx. 24 mil*
Water vapour transmission (Sd)	EN 1931	19 m	*0.184 US perm*
Water vapour transmission (dry cup)	ASTM E96/ E96M	0.2 US perm	-
Maximum tensile force MD/CD	EN 12311-2	> 250 / 200 N/50mm	*43 / 34 lb/in*
Resistance to nail tearing MD/CD	EN 12310-1	> 130 / 150 N	*29 / 34 lbf*
Watertightness	EN 1928	conforming	-
Temperature resistance	-	-20 / 80 °C	*-4 / 176 °F*
Resistance to penetration of air	EN 12114	< 0,02 m^3/(m^{2}h50Pa)	*< 0.001 cfm/ft^2 at 50Pa*
Thermal conductivity (λ)	-	approx. 0,3 W/(m K)	*0.17 BTU/h·ft·°F*
Specific heat	-	approx. 1800 J/(kg·K)	-
Density	-	approx. 300 kg/m^3	*approx. 0.17 oz/in^3*
Water vapour resistance factor (μ)	-	approx. 31600	*approx. 95 MNs/g*
Joint strength	EN 12317-2	112 N/50mm	*13 lb/in*
UV stability(1)	EN 13859-1/2	2 months	-
Exposure to weather(1)	-	3 weeks	-
Adhesion strength on steel at 180°	EN 12316-2	12 N/cm	*7 lb/in*
Storage temperature	-	5 / 25 °C	*41/77 °F*
Application temperature	-	-5 / 35 °C	*23 / 95 °F*

(1) For the correlation between laboratory tests and actual conditions, see page 199.
Available in different configurations on request. It is possible to customise the mass per unit area of the membrane, the amount of acrylic glue, the size and the pre-cut of the liner.

RELATED PRODUCTS

BARRIER NET ADHESIVE 200
page 210

TRASPIR ADHESIVE 260
page 276



SPECIAL GLUE

The acrylic dispersion glue has a specific formulation to prevent altering the vapour control membrane functions of the functional film inside the membrane.

RECOMMENDATIONS FOR INSTALLATION

APPLICATION ON CEILING


1


2


3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SEALING FASTENING SYSTEMS


1


2

1	SPEEDY BAND 300, FLEXI BAND, PLASTER BAND
2	PROTECT, BYTUM BAND PRIMER SPRAY, PRIMER

TRASPIR ADHESIVE 260

HIGHLY BREATHABLE SELF-ADHESIVE MEMBRANE

A Önorm B4119 UD Typ I US | **CH** SIA 232 UD (g) | **D** ZVDH USB-A UDB-A | **F** DTU 31.2 E1 Sd1 TR2 E600 Jf C1 | **I** UNI 11470 A/R3 | **AUS** AS/NZS 4200.1 Class 3 | **USA** IRC vp

SELF-ADHESIVE

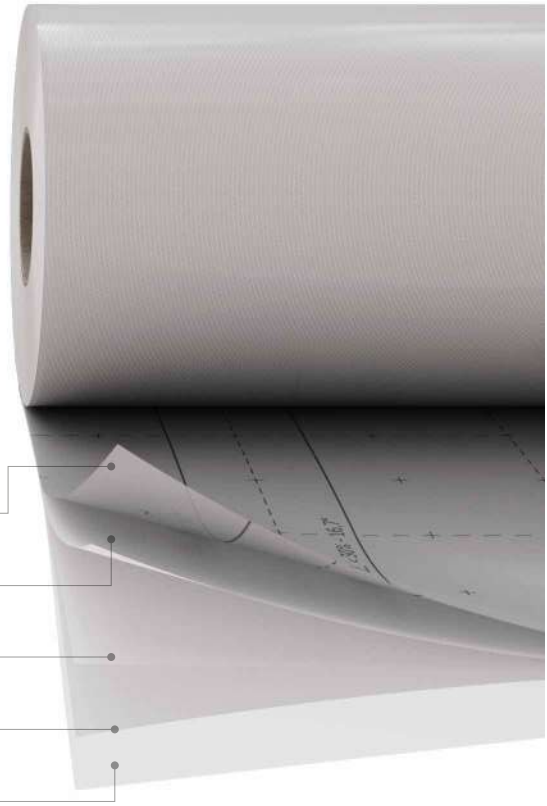
Thanks to the new generation glue, the membrane ensures good adhesion even on rough OSB.

SECURE SEALING

The adhesive surface prevents the formation of airflow behind the membrane in case of accidental breakage or failure to seal.

BREATHABLE

Thanks to the patented glue, the membrane remains perfectly breathable even when fully bonded.



COMPOSITION

top layer
non-woven PP fabric

middle layer
PP breathable film

bottom layer
non-woven PP fabric

glue
acrylate dispersion without solvents

release liner
removable plastic film

CODES AND DIMENSIONS

CODE	description	liner [mm]	H [m]	L [m]	A [m²]	*H [ft]*	*L [ft]*	*A [ft²]*	
TA260	TRASPIR ADHESIVE 260	725 / 725	1,45	50	72,5	*5*	*164*	*780*	16
TAS260	TRASPIR ADHESIVE 260 STRIPE	180 / 180	0,36	50	18	*1.18*	*164*	*194*	-

FAST INSTALLATION

The fully self-adhesive surface of the membrane allows fast and safe installation without compromising performance.

CONSTRUCTION SITE

During construction, it is essential to protect the structure, especially if it remains visible once the building is completed: TRASPIR ADHESIVE 260 offers excellent protection.

TECHNICAL DATA

Properties	standard	value	*USC conversion*
Mass per unit area	EN 1849-2	260 g/m^2	*0.85 oz/ft^2*
Thickness	EN 1849-2	approx. 0,6 mm	*approx. 24 mil*
Water vapour transmission (Sd)	EN 1931	0,22 m	-
Water vapour transmission (dry cup)	ASTM E96/ E96M	-	*16.5 US perm*
Maximum tensile force MD/CD	EN 12311-1	315 / 250 N/50mm	*36 / 29 lb/in*
Elongation MD/CD	EN 12311-1	61 / 66 %	-
Resistance to nail tearing MD/CD	EN 12310-1	255 / 260 N	*57 / 58 lbf*
Watertightness	EN 1928	class W1	-
Temperature resistance	-	-30 / 80 °C	*-22 / 176 °F*
Resistance to penetration of air	EN 12114	0 m^3/(m^{2}h50Pa)	*0 cfm/ft^2 at 50Pa*
Thermal conductivity (λ)	-	0,3 W/(m·K)	*0.17 BTU/h·ft·°F*
Specific heat	-	1800 J/(kg·K)	-
Density	-	433 kg/m^3	*approx. 0.25 oz/in^3*
Water vapour resistance factor (μ)	-	approx. 366	*approx. 1.1 MNs/g*
UV stability[1]	EN 13859-1/2	3 months	-
Exposure to weather[1]	-	4 weeks	-
After ageing:			
- watertightness	EN 1297 / EN 1928	class W1	-
- maximum tensile force MD/CD	EN 1297 / EN 12311-1	295 / 225 N/50mm	*34 / 26 lb/in*
- elongation	EN 1297 / EN 12311-1	45 / 47 %	-
Adhesion strength on steel at 180°	EN 12316-2	12,5 N/cm	*7.1 lb/in*
180° adhesion force on proper support	EN 12316-2	8,5 N/cm	*5 lb/in*
Joint strength	EN 12317-2	132 N/50mm	*15 lb/in*
Solvents	-	no	-
Storage temperature	-	5 / 25 °C	*41/77 °F*
Application temperature	-	-5 / 35 °C	*23 / 95 °F*

[1] For the correlation between laboratory tests and actual conditions, see page 199.
Available in different configurations on request. It is possible to customise the mass per unit area of the membrane, the amount of acrylic glue, the size and the pre-cut of the liner.

SPECIAL GLUE

The acrylic dispersion glue has a specific formulation to ensure breathability and does not alter the functions of the functional film inside the membrane.

RECOMMENDATIONS FOR INSTALLATION

APPLICATION ON CEILING


1


2


3


4


5


6

SEALING FASTENING SYSTEMS


1


2

1	SPEEDY BAND 300, FLEXI BAND, PLASTER BAND
2	PROTECT, BYTUM BAND PRIMER SPRAY, PRIMER

RECOMMENDATIONS FOR INSTALLATION

APPLICATION AT A HOLE

1 MARLIN, CUTTER

APPLICATION ON WALL