

BARRIER ALU 150/200

2,8m/3,0m

B-s1, d0

CE
EN13984

Reflective air vapour barrier Sd 150 / 200 m

Vapour check polythene (PE) film and reinforcing grid with aluminium coating

FR
DTU 31.2
pare-
vapeur

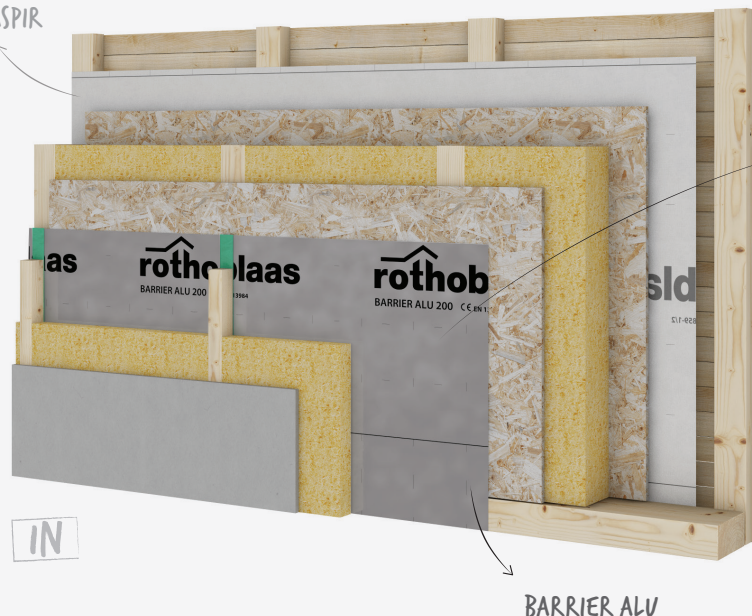
CH
SIA 232
V.v.u.

DE
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IT
UNI 11470
C/R2
D/R1

TRASPIR

OVT



Version in class B-s1, d0 (BARALU150)

BARALU200: Reflects up to 50% of heat

BARALU150: Reflects up to 80% of heat

Equivalent thermal resistance 50 mm hollow space

BARALU200: $R_g = 0.300 \text{ m}^2\text{K/W}$ (ISO 6946)

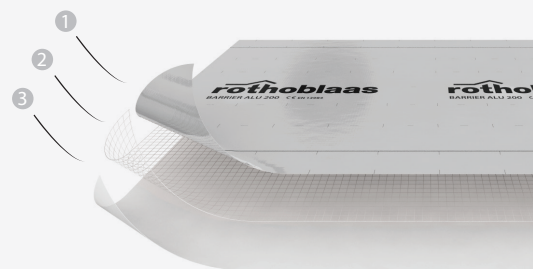
BARALU150: $R_g = 0.490 \text{ m}^2\text{K/W}$ (ISO 6946)

Reinforcing layer, ideal for blowing

TECHNICAL SPECIFICATIONS

property	standard	1 BARALU200	2 BARALU15028B
		value	value
Mass per unit area	EN 1849-2	100 g/m ²	130 g/m ²
Thickness	EN 1849-2	0.2 mm	0.2 mm
Straightness	EN 1848-2	conforming	conforming
Water vapour transmission (Sd)	EN 1931	200 m	150 m
Maximum tensile force MD/CD	EN 12311-2	230 / 230 N/50 mm	220 / 250 N/50 mm
Elongation MD/CD	EN 12311-2	15 / 15 %	10 / 10 %
Resistance to tearing MD/CD	EN 12310-2	110 / 110 N	170 / 170 N
Watertightness	EN 1928	conforming	conforming
Temperature resistance	-	-40 / +80 °C	-40 / +80 °C
Reaction to fire	EN 13501-1	class E	class B-s1, d0
Resistance to penetration of air	EN 12114	< 0.02 m ³ /m ² h50Pa	0 m ³ /m ² h50Pa
Water vapour resistance:			
• after ageing	EN 1296	conforming	conforming
• in the presence of alkalis	EN 13984	npd	npd
Reflectivity	EN 15976	50 %	80 %
Thermal conductivity (λ)	-	0.4 W/mK	0.4 W/mK
Specific heat	-	1800 J/kgK	1800 J/kgK
Density	-	500 kg/m ³	approx. 650 kg/m ³
Water vapour resistance factor (μ)	-	approx. 1000000	approx. 750000
Joint strength	EN 12317-2	npd	npd
Impact resistance	EN 12691	npd	200 mm
VOC emissions	-	0 % (class A+)	0 % (class A+)

COMPOSITION BARALU200



1 top layer: aluminized PE film

2 middle layer: reinforcing PE grid

3 bottom layer: PE film

NOTE: BARALU150, black bottom layer

CODES AND DIMENSIONS

code	ex code	description	roll	H x L [m]	A [m ²]	pcs/
1 BARALU200	D34202	BARRIER ALU 200	1,5 x 50	1,5 x 50	75	80
1 BARALU20030	D34202	BARRIER ALU 200 3,0m	3,0 x 50	3,0 x 50	150	45
2 BARALU15028B	D32109	BARRIER ALU 150 2,8m BS1D0	1,5 x 25	2,8 x 25	70	42

WHERE CAN IT
BE APPLIED?

