

BARRIER ALU 150

REFLECTIVE AIR VAPOUR BARRIER Sd 150 m

2,8 / 3,0 m

B-s1, d0

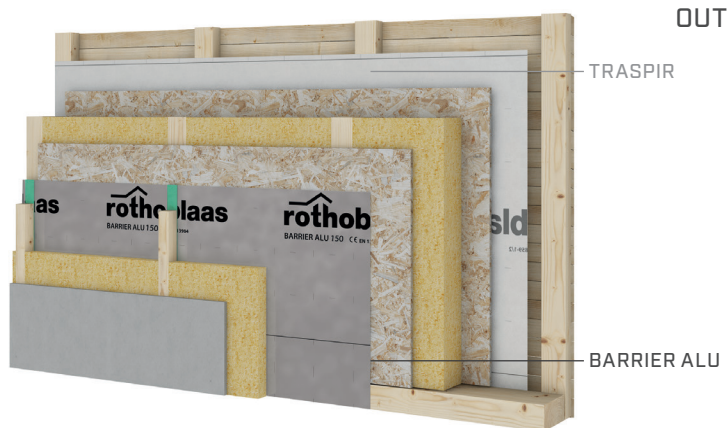


FR
DTU 31.2
pare-
vapeur

CH
SIA 232
V.v.u.

DE
ZVDH
dh.

IT
UNI 11470
D/R1
C/R2



BARRIER ALU

BARALU150/BARALU15030

Reflects up to 50% of heat

$R_g = 0,300 \text{ m}^2\text{K/W}^{(1)}$

BARALU15028B

Version in class B-s1, d0

Reflects up to 80% of heat

$R_g = 0,490 \text{ m}^2\text{K/W}^{(1)}$

Reinforcing layer, ideal for blowing

TRASPIR

CODES AND DIMENSIONS

CODES	description	roll	H x L [m]	A [m ²]	pcs.
BARALU150	BARRIER ALU 150	1,5 x 50	1,5 x 50	75	80
BARALU15030	BARRIER ALU 150 3,0 m	3,0 x 50	3,0 x 50	150	45
BARALU15028B	BARRIER ALU 150 2,8 m BS1D0	1,5 x 25	2,8 x 25	70	42

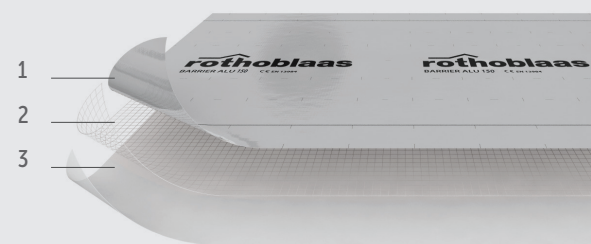
TECHNICAL SPECIFICATIONS

Property	Standard	BARALU150/ BARALU15030	BARALU15028B
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	150 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 / 10 %	10 / 10 %
Resistance to tearing MD/CD	EN 12311-2	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)	-	0,39 W/mK	0,40 W/mK
Specific heat	-	1700 J/kgK	1800 J/kgK
Density	-	500 kg/m ³	approx. 650 kg/m ³
Water vapour resistance factor (μ)	-	approx. 750000	approx. 750000
Joint strength	EN 12317-2	npd	npd
Impact resistance	EN 12691	npd	200 mm
VOC emissions	-	0 % (class A+)	0 % (class A+)

MATERIAL

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

COMPOSITION



1. top layer: aluminized PE film

2. middle layer: reinforcing PE grid

3. bottom layer:⁽²⁾ PE film

NOTE:

⁽¹⁾ Equivalent thermal resistance 50 mm hollow space, in accordance with ISO 6946 standard

⁽²⁾ Black bottom layer