

# BARRIER ALU 150

REFLECTIVE AIR VAPOUR BARRIER Sd 150 m

2,8 / 3,0 m

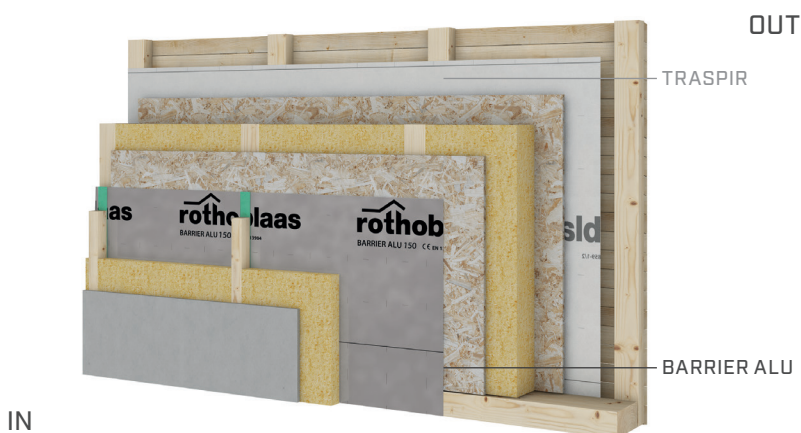
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EN13984

FR  
DTU 31.2  
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## BARRIER ALU

### BARALU150/BARALU15030

Reflects up to 50% of heat  
 $R_g = 0,300 \text{ m}^2\text{K/W}^{(1)}$

### BARALU15028B

Reaction to fire in class B-s1, d0  
Reflects up to 80% of heat  
 $R_g = 0,490 \text{ m}^2\text{K/W}^{(1)}$

B-s1, d0

Reinforcing layer, ideal for blowing

## CODES AND DIMENSIONS

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

## WHERE CAN IT BE APPLIED?



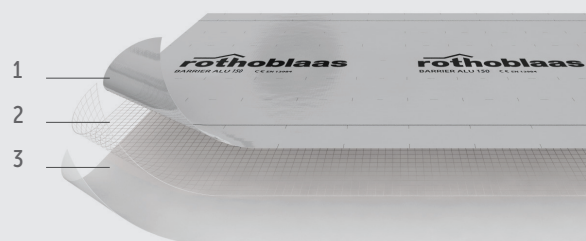
## TECHNICAL SPECIFICATIONS

Property	Standard	BARALU150/ BARALU15030	BARALU15028B
Mass per unit area	EN 1849-2	100 g/m <sup>2</sup>	130 g/m <sup>2</sup>
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 <sup>3</sup> /m <sup>2</sup> h50Pa	0 m <sup>3</sup> /m <sup>2</sup> 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 <sup>3</sup>	approx. 650 kg/m <sup>3</sup>
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:<sup>(2)</sup> PE film

### NOTE:

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

<sup>(2)</sup> Black bottom layer