

ORGANIC MINERAL

Choose Organic Mineral if you need excellent acoustic performance or when there is an extra thermal requirement. With Organic Mineral we combine the two requirements in one panel.

- α_w max. 1.00
- R_D max. 3.65 m² K/W (150mm)



Thickness (mm)	Length (mm)	Width (mm)	Standard fibre width	Standard Edge finish	Panels / pallet	m ² / pallet	Gross price € / m ² Unpainted
50	600 / 1200	600	1.0 mm	AK-01	42 / 21	15.12	38.85
75		600	1.0 mm	AK-01	28 / 14	10.08	45.50
100	1200	600	1.0 mm	AK-01	11	7.92	53.40
125		600	1.0 mm	AK-01	9	6.48	63.65
150		600	1.0 mm	AK-01	7	5.04	72.75

Options	Gross extra charge € / m ²
Organic Mineral Authentic 2.0 mm	No extra charge
Length 2000	
Fire classification A2-s1,d0	4.75
Alternative edge finish	Table: 'Edge finishes' (page 12)
Colour	Table: 'Colours' (page 16)

SOUND ABSORPTION

Panel type	125	250	500	1000	2000	4000	α_w	NRC	SAA	Report number
Direct mounting										
Organic Mineral 50	0.20	0.55	1.10	1.05	0.90	1.00	0.85	0.90	0.90	AC12-26038902/1
Organic Mineral Authentic 50	0.10	0.60	1.00	0.85	0.75	0.95	0.80	0.80	0.80	AC18-26078299-2
Organic Mineral 75	0.35	0.90	1.15	1.00	0.90	0.95	1.00	0.95	0.99	AC05-103/15
Organic Mineral Authentic 75	0.35	1.00	1.00	0.85	0.80	0.90	0.85	0.90	0.91	AC18-26078299-2
Organic Mineral 100	0.50	1.05	1.15	1.00	0.90	1.00	1.00	1.00	1.03	AC12-26038902/1
Organic Mineral Authentic 100	0.60	1.00	1.00	0.85	0.80	0.95	0.85	0.90	0.91	AC18-26078299-2
Plenum 50 mm										
Organic Mineral 50	0.31	0.82	1.12	1.07	0.93	1.01	1.00	0.95	0.99	AC05-103/14

TECHNICAL SPECIFICATIONS

Properties	Symbol	Description	Unit	Standard
Fire classification	-	B-s1,d0 / A2-s1,d0 (Optional)	-	EN 13501-1
Thermal conductivity coefficient	λ	Wood wool (B-s1,d0): 0,08 Wood wool (A2-s1,d0): 0,09 Mineral wool: 0,037	[W/mK]	EN 12667
Thermal resistance	R_D	50 75 100 125 150 0,95 1,65 2,30 3,00 3,65	[m ² K/W]	EN 12667
Weight	-	14.0 16.0 18.5 20.5 23.0		
Panel construction	-	25/25 25/50 25/75 25/100 25/125	mm	
Light reflectance value	LRV	Table 'light reflectance values' page 39	-	BS8493
CE Code	WVWEN13168-T1			
DoP code	4091_ORGANIC MINERAL			
Wood wool standard	EN 13168:2012+A1			

