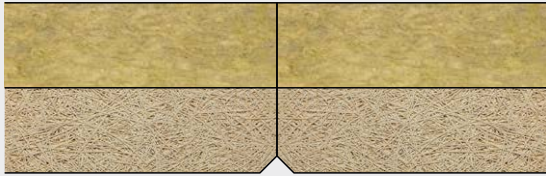


ORGANIC MINERAL

DESIGNED by NATURE and **KNAUF**

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



SPECIFICATIONS

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

Options

Organic Mineral Authentic	2.0 mm
Length	2000
Fire classification	A2-s1,d0

CERTIFICATIONS





SOUND ABSORPTION

Panel type	α_P						Average			Report number
	125	250	500	1000	2000	4000	α_w	NRC	SAA	
Direct mounting										
Organic Mineral 50	0.20	0.55	1.00	1.00	0.90	1.00	0.85	0.90	0.83	AC15-26055621
Organic Mineral 50 Authentic	0.10	0.60	1.00	0.85	0.75	0.95	0.80	0.80	0.76	AC15-26055621
Organic Mineral 75	0.35	0.90	1.00	1.00	0.90	0.95	1.00	1.00	0.91	AC15-26055621
Organic Mineral 75 Authentic	0.35	1.00	1.00	0.85	0.80	0.90	0.85	0.90	0.85	AC15-26055621
Organic Mineral 100	0.45	1.00	1.00	0.95	1.00	1.00	1.00	1.00	0.95	AC15-26055621
Organic Mineral 100 Authentic	0.60	1.00	1.00	0.85	0.80	0.95	0.85	0.95	0.85	AC15-26055621
Plenum 50 mm										
Organic Mineral 50	0.30	0.80	1.00	1.00	0.95	1.00	1.00	1.00	0.91	AC15-26055621

TECHNICAL SPECIFICATIONS

Properties	Symbol	Description					Unit	Standard
Fire classification	-	Bs1,d0 / A2-s1,d0 (Optional)					-	EN 13501-1
Thermal conductivity coefficient	λ	Wood wool (Bs1,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	[m ² K/W]	EN 12667
		0.95	1.65	2.30	3.00	3.65		
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' (www.organic.design)					-	BS8493
CE Code	VV-EN13168-T1							
DoP code	4091_ORGANIC MINERAL							
Wood wool standard	EN 13168:2012+A1							



Do you want more information? Please contact us

Knauf Insulation B.V.

+ 31 (0)162 - 42 12 45

customerservice.nl@knaufinsulation.com

www.organic.design

Extreme caution was observed when putting together and processing the information, texts and illustrations in this document. Nevertheless, errors cannot quite be ruled out. The publisher and editors cannot assume legal responsibility or any liability whatever for incorrect information and the consequences thereof.

V2-NL 05/2021