

# ORGANIC

DESIGNED by NATURE and **KNAUF**

Organic is an acoustic panel with a very good performance. Organic can be adapted to all aesthetic and acoustic requirements for ceilings and wall finishes, both inside and out.

- $\alpha_w$  max. 0.60
- Attractive aesthetic finish
- Available in various different dimensions and colours
- Available with 8 different edge finishes



## SPECIFICATIONS

Thickness (mm)	Length (mm)	Width (mm)	Standard fibre width	Standard Edge finish	Panels / pallet	m <sup>2</sup> / pallet
15	600 / 1200	600	1.0 mm	SK-04	126 / 63	45.36
25	600 / 1200	600	1.0 mm	SK-04	84 / 42	30.24
35	600 / 1200	600	1.0 mm	SK-04	56 / 28	20.16

### Options

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

## CERTIFICATIONS





## SOUND ABSORPTION

Panel type	$\alpha_P$						Average			Report number
	125	250	500	1000	2000	4000	$\alpha_w$	NRC	SAA	
<b>Direct mounting</b>										
Organic 25	0.10	0.20	0.30	0.55	0.85	0.70	<b>0.40</b>	0.50	0.44	AC15-26055621
Organic 35	0.10	0.25	0.45	0.80	0.90	0.85	<b>0.50</b>	0.60	0.56	AC15-26055621
<b>Plenum 200 mm</b>										
Organic 15	0.20	0.45	0.35	0.50	0.60	0.60	<b>0.50</b>	0.50	0.43	AC15-26055621
Organic 25	0.25	0.55	0.55	0.50	0.65	0.80	<b>0.55</b>	0.60	0.52	AC15-26055621
Organic Authentic 25	0.25	0.60	0.55	0.45	0.60	0.80	<b>0.55</b>	0.55	0.50	AC15-26055621
Organic 35	0.30	0.65	0.60	0.55	0.75	0.90	<b>0.60</b>	0.65	0.58	AC15-26055621
Organic Authentic 35	0.40	0.70	0.60	0.55	0.80	0.90	<b>0.60</b>	0.70	0.62	AC15-26055621
<b>Plenum 200 mm + 60 mm Glass wool insulation</b>										
Organic 25	0.60	1.00	1.00	0.95	0.85	1.00	<b>0.95</b>	0.96	0.88	AC15-26055621
Organic Authentic 25	0.60	0.90	0.95	0.85	0.75	0.95	<b>0.85</b>	0.90	0.80	AC15-26055621
Organic 35	0.60	1.00	1.00	0.95	0.95	1.00	<b>0.95</b>	1.00	0.91	AC15-26055621
Organic Authentic 35	0.70	0.85	0.80	0.75	0.90	1.00	<b>0.80</b>	0.85	0.76	AC15-26055621

## TECHNICAL SPECIFICATIONS

Properties	Symbol	Description	Unit	Standard		
Fire classification	-	B-s1,d0 / A2-s1,d0 (Optional)	-	EN 13501-1		
Thermal conductivity coefficient	$\lambda$	B-s1,d0: 0.08 / A2-s1,d0: 0.09	[W/mK]	EN 12667		
Thermal resistance	$R_D$	15	25	35	[m <sup>2</sup> K/W]	EN 12667
		0.15	0.25	0.40		
Weight	-	8.0	11.0	14.0	kg/m <sup>2</sup>	-
Light reflectance value	LRV	Table 'light reflectance values' (www.organic.design)	-	BS8493		
CE Code	WW-EN13168-T1 / EN 13964:2014					
DoP code	4091_ORGANIC					
Wood wool standard	EN 13168:2012+A1 / EN 13964:2014					



## Do you want more information? Please contact us

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