

ORGANIC

DESIGNED by NATURE and **KNAUF**

PITCH
ZONE

KEY FEATURES AND APPLICATIONS



Acoustic rafts in restaurant ■ Inspirational project

ORGANIC

As sound and acoustics influence productivity and well-being of human being the most, we believe that every space deserves good acoustics.

With our Organic wall and ceiling panels you really improve a room's acoustics. Furthermore, we offer interior designers and architects unprecedented creative freedom. With the enormous choice of colours, prints (creative impressions) and 3D engraving (creative lines) you can create the right atmosphere and ambiance to any space.

This catalogue is intended as a guide. A guide to help you select the panels for the required performance and to show you with which finishes and fixing methods you create the right look for any interior.

Nice to meet you, **Organic!**



UCPA Les Arcs ■ Bourg-Saint-Maurice (F) ■ Dining Room

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Café Biergit, Paris • Architect: ACB Architectes

ACOUSTIC PANELS



ORGANIC

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.

Organic 35mm (plenum 200)
 α_w max. 0.60



ORGANIC TWIN

Organic Twin combines natural aesthetics with even better acoustic performance. Organic Twin is easy to install in almost any ceiling or wall solution.

Organic Twin 50mm (plenum 200)
 α_w max. 0.95



ORGANIC MINERAL

Choose Organic Mineral if you need excellent acoustics but also some thermal performance. With Organic Mineral we combine both performances.

Organic Mineral 75mm (plenum 50)
 α_w max. 1.00
 R_D max. 3.65 m² K/W (150mm)

APPLICATIONS

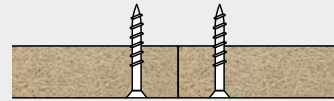
CEILING AND WALL

We developed various specific mounting materials and methods for our Organic panels. Therefore, the panels are easy to fix to any ceiling or wall.

You can realise a visible mechanical fixing by using the different types of screws that can be ordered along with our panels. Organic panels are available with different edge options: with straight edges (AK-99) or with a 5-mm bevelled edge (AK-01).

Concealed mechanical fixing is made possible by the specially developed 'Organic Clip'. We mill the edges of the panels to prepare them for this fixing method. The code for this edge finish is VK-11.

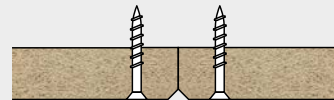
VISIBLE APPLICATION



STRAIGHT EDGES ON ALL SIDES

Code: AK-99

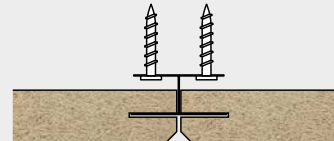
Fixing: Screws



BEVELLED ON ALL SIDES

Code: AK-01

Fixing: Screws



CONCEALED APPLICATION

BEVELLED EDGE AND
GROOVE ON ALL SIDES

Code: VK-11

Fixing: Organic Clip



Organic TX drive



Organic Clip



Wall application Panel - bevelled on all sides (AK-01)



Ceiling application. Concealed panel - bevelled on all sides (VK-11)

APPLICATIONS

MODULAR CEILING

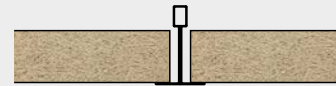
Organic and Organic Twin panels are suitable for modular ceilings with a T24 or T35 system. These systems feature two aesthetic main varieties, combined with Organic panels: visible and concealed T-profiles.

Visible T-profiles can be combined with inlay or dipped panels. We offer two types of dipped panels, for T24 or T35. Our dipped panels have a 5-mm bevelled edge on all sides. The code for the edge finishing is SK-04 and SK-06 respectively.

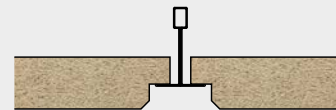
A concealed panel can be realised in a 35 T profile with a 35 mm Organic or Organic Twin panel. Concealed panels have a 5 mm beveled edge all round. The code for this edge finish is VK-10.

We also developed an Organic panel especially to for use in the Armstrong Silhouette system. In this system, the ceiling profile acts as a rail for mounting luminaires.

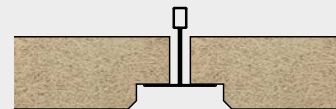
VISIBLE PROFILES



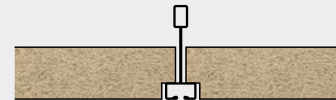
INLAY PANEL
Code: SK-04 [A]
Straight edges on all sides
Profile: T24 & T35



DIPPED PANEL - T24
Code: SK-06 T24 [E]
Bevelled on all sides
Profile: T24

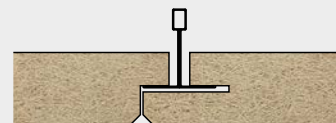


DIPPED PANEL - T35
Code: SK-06 T35 [E]
Bevelled on all sides
Profile: T35



SILHOUETTE INLAY PANEL
Profile: T15 Silhouette

CONCEALED PROFILES



CONCEALED DEMOUNTABLE
Code: VK-10 [D]
Bevelled on all sides
Profile: T35

Crèche in Jarville ■ Play Room ■ Architect: In Situ Architecture



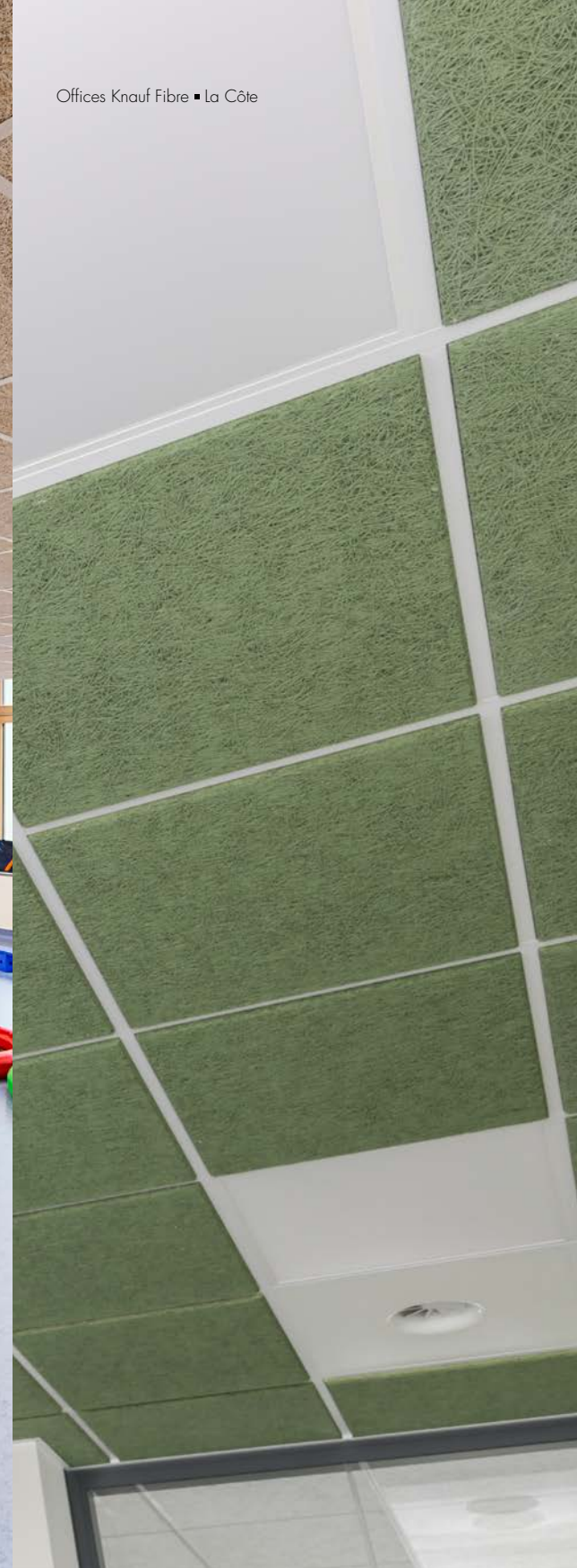
Concealed application (VK-11)

Primary School Les Boutours ■ Rosny sous bois (France)



Inlay panel (SK-04)


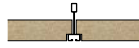
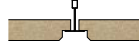



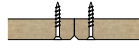
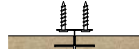
Offices Knauf Fibre ■ La Côte



Dipped panel (SK-06)

APPLICATIONS

EDGE FINISHING

Code	Version	Fixing system	ORGANIC			ORGANIC TWIN			ORGANIC MINERAL				Panel dimensions	Gross extra charge € / m ²
			15	25	35	25	35	50	50	75	100	125		
Modular ceiling: Visible profiles														
SK-04 [A]	 Inlay panel	T24 & T35	●	●	●	●	●	●	-	-	-	-	-	No extra charge
Silhouette	 Rabbeted inlay panel	Silhouette / Fineline	-	●	●	-	-	-	-	-	-	-	-	€ 2.75
SK-06 T24 [E]	 Dipped panel	T24	-	●	-	-	-	-	-	-	-	-	-	€ 2.75
SK-06 T35 [E]	 Dipped panel	T35	-	-	●	-	-	-	-	-	-	-	-	€ 2.75
Modular ceiling: Concealed profiles														
VK-10 [D]	 Concealed panel	T35	-	-	●	-	●	-	-	-	-	-	-	615 x 600 615 x 1200 € 3.50
Mechanical fixing: Visible														
AK-99	 Straight edges on all sides	Screw fixing	-	●	●	●	-	-	-	-	-	-	-	No extra charge
AK-01	 Bevelled on all sides (5mm)	Screw fixing	-	●	●	-	●	●	●	●	●	●	●	600 x 600 600 x 1200 600 x 2000 € 2.00
Mechanical fixing: Concealed														
VK-11	 Bevelled edge and grooved on all sides	Organic Clip	-	●	●	-	-	-	●	●	●	●	●	600 x 600 600 x 1200 600 x 2000 € 2.75

STRUCTURES

Organic panels have an open wood wool fibre structure. This structure is available in two different fibre widths; 1 and 2 mm.

The fibre widths here refer to the widths of the wood wool fibres. Both structures lend their own characteristic aesthetic values to the panels.

The standard fibre width of Organic panels is 1 mm. Every panel is optionally available with a 2-mm fibre width (Organic Authentic).

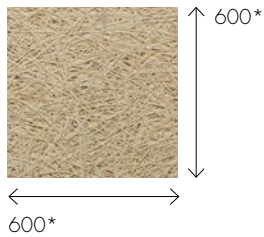


SIZES

Every Organic panel can be supplied in three different sizes as standard. With every combination of width and length, every panel also has its own range of thickness sizes.

If you want to use our panels in a modular ceiling? No worries, we factory-adjust the dimensions to the grid size of the ceiling.

PANEL SIZES



* effective dimensions.

Panel sizes for suspended ceiling with inlay panels [SK-04]: 595x595 / 1195x595

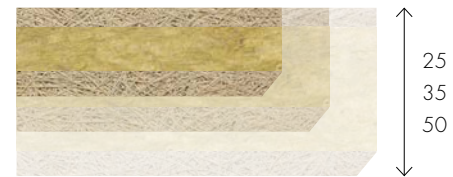
Panel sizes for suspended ceiling with inlay panels [VK-10]: 600x615 / 1200x615

PANEL THICKNESSES

ORGANIC



ORGANIC TWIN



ORGANIC MINERAL



**Are you looking for different sizes?
Please consult our Customer Service.
We are happy to think along.**



FINISHING

'BE CREATIVE'

Organic panels are as a standard unpainted, to preserve their warm, natural wood look. We can factory-finish Organic panels in a wide range of colours. To finish Organic panels, we offer unprecedented creative freedom. You can choose for a 'Wash' film, where the underlying wood wool remains visible through the paint film, as well as an extensive range of selected colours. The panels can also be finished in any RAL or NCS colour you like.

Even the sides of our Organic panels can also be spray-painted in the same colour if you prefer.

Colour	Gross extra charge € / m ²	Gross extra charge* Edges fully coloured € / m ²
Unpainted	No extra charge	-
White (Fractal Poetry)	5.95	2.85
Wash	4.50	2.85
Colour	7.95	2.85
RAL / NCS	7.95	2.85

* As standard, the sides of the panels are unpainted. Any bevelled edges are spray-painted. Optionally, the sides of the panels can be fully spray-painted, at the cost price listed

STANDARD



Unpainted

WASH (100 gr verf/m²)



Natural Tone
(RAL 1015)



Graphite
(RAL 7030)



White
(RAL 9003)

RAL & NCS

Besides the colours selected, you can create your own palette of colours by selecting from the hundreds of RAL and NCS colours that are available. This allows you to design your own unique solution for every room and every application.

FINISHING

COLOUR: NATURAL LIFE



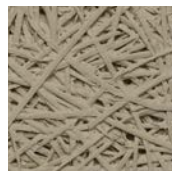
Lime



Anise



Pistache



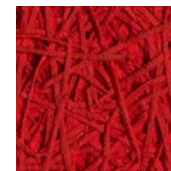
Linen



Tobacco



Aubergine



Sanguine

COLOUR: FRACTAL POETRY

White
(Similar to RAL 9003)Foam
(RAL 9010)

Silicon



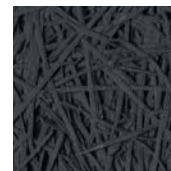
Twilight Grey



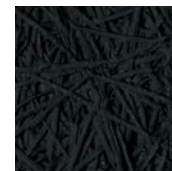
Stone Grey



Asphalte



Carbon

Black
(RAL 9005)

COLOUR: URBAN WORLD



Lemon



Orange Juice



Rust



Pink Paradise



Silver Blue



Sky Blue



Green Grass

FINISHING

CREATIVE IMPRESSION

PRINT A PATTERN

Consider printing the Organic panels to realize a very special wall or ceiling. To inspire you, we have designed a series of patterns. Think out of the box. We are happy to think along with you to create new, unique patterns.

You feel you have a bright idea? Please feel free to discuss your specific wishes with our team of experts.

STANDARD IMPRESSIONS



Creative Vegetal Rhythms



Creative Wind & Leafs



Creative Woods

CUSTOM MADE MOTIFS



Motifs that continue from one panel to the next, on wall or ceiling



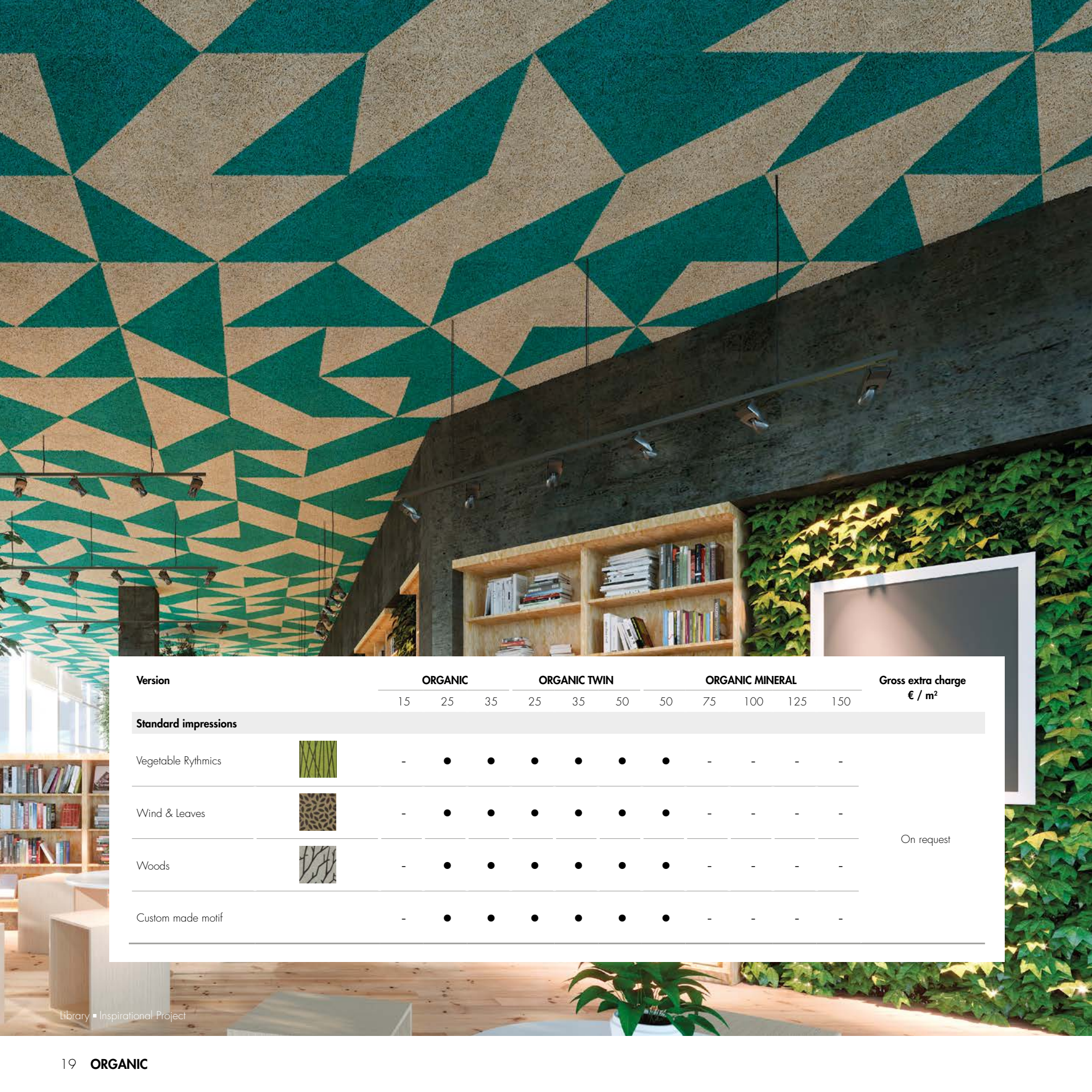
Geometric motifs, randomly applied to the panels






Text, image or pattern on some panels



Library ■ Inspirational Project



Version	ORGANIC			ORGANIC TWIN				ORGANIC MINERAL				Gross extra charge €/ m ²	
	15	25	35	25	35	50	50	75	100	125	150		
Standard impressions													
Vegetable Rhythms		-	●	●	●	●	●	●	-	-	-	-	On request
Wind & Leaves		-	●	●	●	●	●	●	-	-	-	-	
Woods		-	●	●	●	●	●	●	-	-	-	-	
Custom made motif		-	●	●	●	●	●	●	-	-	-	-	

FINISHING

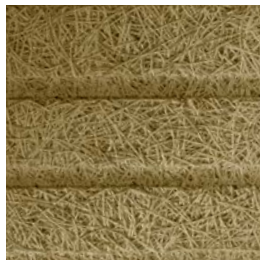
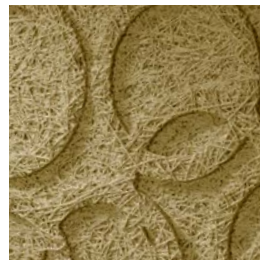
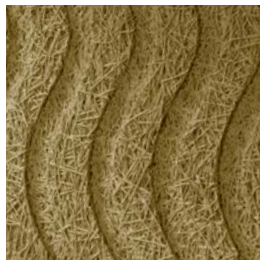
CREATIVE LINES

LINES IMPRESSION

With Creative Lines we create the pattern of your choice with lines or shapes, 3D-milled into the panel.

This adds a special effect to a wall or ceiling. Also acoustically!

By making clever use of lines you are able to create a never-ending effect for a wall or ceiling. Or you can actually emphasize discontinuity by giving every panel different lines or by fixing all the panels differently.



**You have an idea?
Contact us to discuss
the possibilities to
realize it.**



Version	ORGANIC			ORGANIC TWIN				ORGANIC MINERAL				Gross extra charge €/m ²	
	15	25	35	25	35	50	50	75	100	125	150		
Personalised pattern	-	●	●	-	-	-	-	-	-	-	-	-	On request

ORGANIC

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.

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

Thickness (mm)	Length (mm)	Width (mm)	Standard fibre width	Standard Edge finish	Panels / pallet	m ² / pallet	Gross price € / m ² Unpainted
15	600 / 1200	600	1.0 mm	SK-04	126 / 63	45.36	17.10
25	600 / 1200	600	1.0 mm	SK-04	84 / 42	30.24	20.75
35	600 / 1200	600	1.0 mm	SK-04	56 / 28	20.16	29.60



Options		Gross extra charge € / m ²
Organic Authentic	2.0 mm	No extra charge
Length	2000	
Fire classification	A2-s1,d0	4.75
Alternative edge finishing		Table: 'Edge finishing' (page 12)
Colour		Table: 'Colours' (page 16)
Motif		Table: 'Motifs' (page 19)

SOUND ABSORPTION

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

ORGANIC



TECHNICAL SPECIFICATIONS

Properties	Symbol	Description	Unit	Standard
Fire classification	-	B-s1,d0 / A2-s1,d0 (Optional)	-	EN 13501-1
Thermal conductivity coefficient	λ	B-s1,d0: 0.08 / A2-s1,d0: 0.09	[W/mK]	EN 12667
Thermal resistance	R_d	15 25 35	[m ² K/W]	EN 12667
		0.15 0.25 0.40		
Weight	-	8.0 11.0 14.0	kg/m ²	-
Light reflectance value	LRV	Table 'light reflectance values' page 39	-	BS8493
CE Code	WW-EN13168-T1 / EN 13964:2014			
DoP code	4091_ORGANIC			
Wood wool standard	EN 13168:2012+A1 / EN 13964:2014			



Primary School les Boutours,
Rosny sous bois (F) ■ Corridor

ORGANIC TWIN

Organic Twin combines natural aesthetics with even better acoustic performance. Organic Twin is easy to install in almost any ceiling or wall solution.

- α_w max. 0.95
- Lightweight 'easy assembly'
- Concealed modular ceiling possible



Thickness (mm)	Length (mm)	Width (mm)	Standard fibre width	Standard Edge finish	Panels / pallet	m ² / pallet	Gross price € / m ² Unpainted
25	600 / 1200	600	1.0 mm	SK-04	84 / 42	30.24	24.30
35	600 / 1200	600	1.0 mm	SK-04	56 / 28	20.16	31.75
50	600 / 1200	600	1.0 mm	SK-04	42 / 21	15.12	41.95

Options		Gross extra charge € / m ²
Organic Twin 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)
Motif		Table: 'Motifs' (page 19)

SOUND ABSORPTION

Panel type	α_P						Average			Report number
	125	250	500	1000	2000	4000	α_w	NRC	SAA	
Direct mounting										
Organic Twin 25	0.10	0.35	0.70	0.95	1.00	1.00	0.65	0.75	0.70	AC15-26055621
Organic Twin 35	0.15	0.55	0.90	1.00	1.00	1.00	0.85	0.85	0.80	AC15-26055621
Organic Twin 50	0.20	0.65	1.00	1.00	1.00	0.90	0.95	0.95	0.86	AC15-26055621
Plenum 50 mm										
Organic Twin 25	0.25	0.60	0.70	0.90	1.00	1.00	0.80	0.80	0.74	AC15-26055621
Organic Twin Authentic 25	0.25	0.60	0.75	0.85	0.95	0.90	0.80	0.80	0.72	AC15-26055621
Organic Twin 35	0.25	0.70	0.90	1.00	1.00	1.00	0.95	0.90	0.84	AC15-26055621
Organic Twin Authentic 35	0.30	0.65	0.80	0.95	0.95	0.85	0.85	0.85	0.78	AC15-26055621
Plenum 200 mm										
Organic Twin 25	0.35	0.45	0.65	0.95	1.00	1.00	0.70	0.80	0.72	AC15-26055621
Organic Twin Authentic 25	0.45	0.60	0.70	0.80	0.95	0.95	0.80	0.80	0.70	AC15-26055621
Organic Twin 35	0.45	0.65	0.85	1.00	1.00	1.00	0.90	0.90	0.82	AC15-26055621
Organic Twin Authentic 35	0.40	0.55	0.80	0.95	1.00	0.90	0.80	0.80	0.76	AC15-26055621
Organic Twin 50	0.40	0.70	0.95	1.00	1.00	0.95	0.95	0.90	0.85	AC15-26055621

ORGANIC TWIN



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: 0.040			[W/mK]	EN 12667
Thermal resistance	R_b	25	35	50	[m ² K/W]	EN 12667
		0.50	0.70	1.10		
Weight	-	8.0	11.0	14.0	kg/m ²	-
Panel construction	-	7/15/3	10/20/5	10/35/5	[kPa]	EN 826
Light reflectance value	LRV	Table 'light reflectance values' page 39			-	BS8493
CE Code	WW-EN13168-T1					
DoP code	4091_ORGANIC TWIN					
Wood wool standard	EN 13168:2012+A1					



Café Biergit, Paris ■ Architect: ACB Architectes

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		600	1.0 mm	AK-01	11	7.92	53.40
125	1200	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	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

ORGANIC MINERAL



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_b	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' page 39					-	BS8493
CE Code	WW-EN13168-T1							
DoP code	4091_ORGANIC MINERAL							
Wood wool standard	EN 13168:2012+A1							



Music School Épinal (F) ▪ Cafeteria
Architect: Jean Michel Lhommée



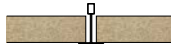

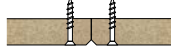
Beobank Louise ■ Brussels Architect: Arch. ID® Corentin Haubruge

STOCK RANGE

With the extensive variations in length, width, thicknesses, colours, prints and engraving the range of Organic is nearly endless. Most of our projects are custom made. The following panels have been selected for delivery directly from stock.



ORGANIC



Thickness (mm)	Length (mm)	Width (mm)	Fibre width	Edge finish	Colour	Art. no.	Gross price € / m ² Unpainted
25	600	600	1.0 mm	SK-04 	Unpainted	2821709	20.75
25	600	600	1.0 mm		White (Fractal poetry)	659650	26.70
25	1200	600	1.0 mm	SK-04 	Unpainted	509531	20.75
25	1200	600	1.0 mm		White (Fractal poetry)	679675	26.70
25	1200	600	1.0 mm	AK-01 	Unpainted	2821847	22.75
25	1200	600	1.0 mm		White (Fractal poetry)	659649	28.70

ORGANIC TWIN



Thickness (mm)	Length (mm)	Width (mm)	Fibre width	Edge finish	Colour	Art. no.	Gross price € / m ² Unpainted
25	1200	600	1.0 mm	SK-04 	Unpainted	2821739	24.30
25	1200	600	1.0 mm		White (Fractal poetry)	679676	30.25
35	1200	600	1.0 mm	AK-01 	Unpainted	2821872	33.75
35	1200	600	1.0 mm		White (Fractal poetry)	679678	39.70



Nursery School, Perthe-en-Gatinais (F) ■ Corridor ■ Architect: Tracks Architecte

FASTENERS

An aesthetic finish is also defined by the fastening method.

Since organic panels can be installed to ceilings and walls in many different ways, we offer a wide range of fasteners.



Type of fastener	Construction			Application
	concrete	wood	metal	
Visible mechanical fixing				
Organic TX Drive	-	•	•	Interior
Wood screw	-	-	•	Interior & exterior
Metal screw	-	-	•	Interior & exterior
DDS <i>plus</i> Concrete Screw	•	-	-	Interior & exterior
MSP Anchor Fixing	•	-	-	Interior & exterior
Concealed mechanical fixing				
Organic Clip	•	•	•	Interior

Durability	Corrosion class (ISO 12944-2)				Unit
	C2	C3	C4	C5	
2-5 years	-	120	240	720	h (salt spray test hours)
5-15 years	-	240	480	1440	
> 15 years	-	480	720	2160	

FASTENERS

VISIBLE APPLICATION

ORGANIC TX DRIVE



Screw length (mm)	Panel thickness up to (mm)	Units / pack	Art. no. Nature tone*	Art. no. White*	Gross price € / pack
45	25	500	600143	600142	38.95
55	35	500	600144	600147	43.30
70	50	500	629519	629518	53.65

Head diameter	9.0 mm
Head thickness	3.0 mm
Screw diameter	4.3
Minimum anchoring depth	25 mm
Drive	Torx T25
Recommended anchoring material	Wood and metal
Maximum steel thickness	0.7 mm

METAL SCREW



Screw length (mm)	Panel thickness up to (mm)	Units / pack	Art. no. Nature tone*	Art. no. White*	Gross price € / pack
38	25	200	609452	609453	59.20
50	35	200	610420	610419	63.30
70	50	200	610422	610421	67.40

Head diameter	12 mm
Head thickness	2.5 mm
Screw diameter	4.8 mm
Minimum anchoring depth	10 mm
Plug drive	Philips PH2
Recommended anchoring material	Metal
Maximum material thickness	0.6 - 2.0 mm
Corrosion class	C2 (120h)

WOOD SCREW



Screw length (mm)	Panel thickness up to (mm)	Units / pack	Art. no. Nature tone*	Art. no. White*	Gross price € / pack
50	25	200	596718	596724	67.20
60	35	200	596720	596726	71.20
80	55	200	596722	596727	78.40
100	75	200	596723	596728	89.60

Head diameter	14 mm
Head thickness	2.5 mm
Screw diameter	5.0 mm
Minimum anchoring depth wood	25 mm
Minimum anchoring depth metal	15 mm
Drive	Torx T25
Corrosion class	C2 (120h) Optional C4 (1800h)

*RAL colours are available on request

DDS PLUS CONCRETE SCREW



Screw length (mm)	Panel thickness up to (mm)	Units / pack	Art. no. Nature tone*	Art. no. White*	Gross price € / pack
50	25	100	416810	596858	44.10
75	50	100	416812	416798	46.90
100	75	100	416814	416803	57.60
125	100	100	416815	416804	67.60
150	125	100	416816	416805	86.40
175	150	100	416817	416806	108.90

Tensile strength concrete C20/25	0.5 kN
Screw diameter	7.5 mm
Head diameter	26 mm
Drilled hole depth	30 mm
Drilled hole diameter	6 mm
Anchoring depth in concrete	25 mm
Plug drive	Torx T30
Recommended anchoring material	Concrete (2000-2600 kg/m ³)
Corrosion class	C3

MSP ANCHOR FIXING AND ACCESSORIES



Screw length (mm)	Panel thickness up to (mm)	Units / pack	Art. no.	Gross price € / pack
50	25	100	2435322	29.70
75	50	100	2435323	38.90
100	75	100	2435324	43.90
125	100	100	2435325	52.60
150	125	100	2435326	57.50
175	150	100	2435327	60.90

Tensile strength concrete C20/25	0.5 kN
Plug diameter	7 mm
Ring diameter	30 mm
Covering cap diameter	33 mm
Drilled hole diameter	6 – 6.5 mm
Drilled hole depth	30 mm
Anchoring depth in concrete	25 mm
Anchor fixing drive method	Assembly attachment
Recommended anchoring material	Concrete (2000-2600 kg/m ³)
Corrosion class	C2 (120h)

COVERING CAPS



Art. no.	Units / pack	Colour*	Price € / pack
2435329	100	Nature tone	5.30
2435328	100	White	5.30

DRILLING



Art. no.	Drill bit length	Drill bit diameter	Price € / pack
2436309	160 mm	6.5 mm	3.40
2436310	210 mm	6.5 mm	4.00
2436311	260 mm	6.5 mm	5.70

ASSEMBLY ATTACHMENT



Art. no.	Price € / pack
2435331	31.20

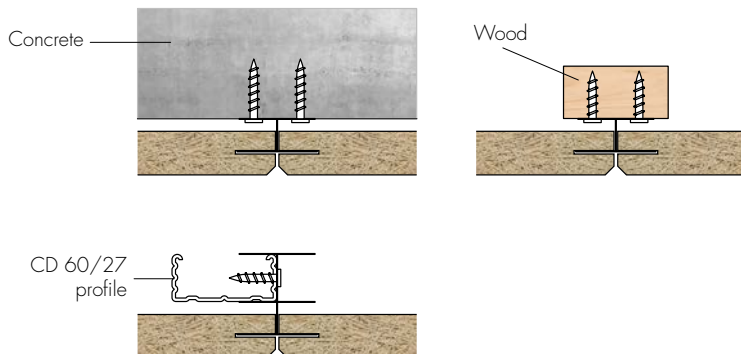
FASTENERS

CONCEALED APPLICATION

ORGANIC CLIP

The bespoke Organic Clip is used for the concealed fixing of Organic and Organic Mineral. The clip is suitable for wall and ceiling fixing and can be installed directly on concrete or wooden latticework. You can also clip it around a CD60 metal stud.

The clips have a special lug to slide the panels along and thus allow you to create an elegant concealed finish.



ORGANIC CLIP



Type	Panel thickness (mm)	Panel thickness combined with CD60 profile (mm)	Units / pack	Art. no.	Gross price € / pack
Clip INT 25&35	25-35	-	100	656885	44.70
Clip INT 50-25&35	50	25	100	656886	49.75
Clip INT 75-50	75	50	100	656891	56.00
Clip INT 100-75	100	75	100	656888	64.80
Clip INT 125-100	125	100	100	656899	75.05
Clip INT 150-125	150	125	100	656898	87.20
Clip INT 175-150	175	150	100	656897	93.75

Steel	Galvanised
Application	Concrete CD60/27 profiles Wooden latticework
Clips per panel afm. 1200x600:	2 (3,33/m ²)
afm. 2000x600:	4 (3,33/m ²)
Screws per clip	2



Home Use ■ Chantraine (F)



Home Use ■ Chantraine (F)

ACOUSTICS

The acoustics of an office, school or home environment have an enormous effect on our well-being. The right acoustics reduce the reverberation time in a room. This positively affects noise levels and the intelligibility of speech.

The unique structure of our Organic panels ensures a very positive effect on the acoustics of a room.

The open fibre structure absorbs a lot of the noise energy emitted, reducing reverberation time and the noise level in a room.

To assess the performance of our panels, we conducted thorough sound absorption tests for each type of Organic panel.

Three different setups were tested;

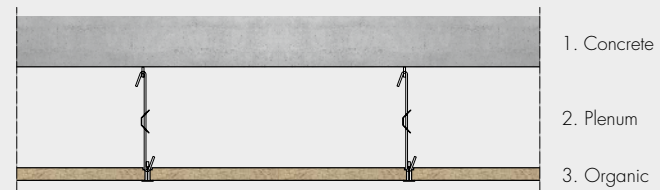
1. panels mounted directly on concrete,
2. with a plenum
3. with a plenum and extra insulation behind the panel.

DIRECT FIXING



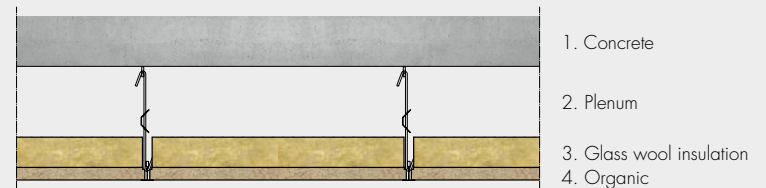
1. Concrete
2. Organic

PLENUM



1. Concrete
2. Plenum
3. Organic

PLENUM WITH INSULATION



1. Concrete
2. Plenum
3. Glass wool insulation
4. Organic

Panel type	125	250	500	1000	2000	4000	α_w	NRC	SAA	Report number
Mounted directly to concrete										
Organic 25	0.10	0.20	0.30	0.55	0.85	0.70	0.40	0.50	0.44	AC15-26055621
Organic 35	0.10	0.25	0.45	0.80	0.90	0.85	0.50	0.60	0.56	AC15-26055621
Organic Twin 25	0.10	0.35	0.70	0.95	1.00	1.00	0.65	0.75	0.70	AC15-26055621
Organic Twin 35	0.15	0.55	0.90	1.00	1.00	1.00	0.85	0.85	0.80	AC15-26055621
Organic Twin 50	0.20	0.65	1.00	1.00	1.00	0.90	0.95	0.95	0.86	AC15-26055621
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 Twin 25	0.25	0.60	0.70	0.90	1.00	1.00	0.80	0.80	0.74	AC15-26055621
Organic Twin 25 Authentic	0.25	0.60	0.75	0.85	0.95	0.90	0.80	0.80	0.72	AC15-26055621
Organic Twin 35	0.25	0.70	0.90	1.00	1.00	1.00	0.95	0.90	0.84	AC15-26055621
Organic Twin 35 Authentic	0.30	0.65	0.80	0.95	0.95	0.85	0.85	0.85	0.78	AC15-26055621
Organic Mineral 50	0.30	0.80	1.00	1.00	0.95	1.00	1.00	1.00	0.91	AC15-26055621
Plenum 200 mm										
Organic 15	0.20	0.45	0.35	0.50	0.60	0.60	0.50	0.50	0.43	AC15-26055621
Organic 25	0.25	0.55	0.55	0.50	0.65	0.80	0.55	0.60	0.52	AC15-26055621
Organic 25 Authentic	0.25	0.60	0.55	0.45	0.60	0.80	0.55	0.55	0.50	AC15-26055621
Organic 35	0.30	0.65	0.60	0.55	0.75	0.90	0.60	0.65	0.58	AC15-26055621
Organic 35 Authentic	0.40	0.70	0.60	0.55	0.80	0.90	0.60	0.70	0.62	AC15-26055621
Organic Twin 25	0.35	0.45	0.65	0.95	1.00	1.00	0.70	0.80	0.72	AC15-26055621
Organic Twin 25 Authentic	0.45	0.60	0.70	0.80	0.95	0.95	0.80	0.80	0.70	AC15-26055621
Organic Twin 35	0.45	0.65	0.85	1.00	1.00	1.00	0.90	0.90	0.82	AC15-26055621
Organic Twin 35 Authentic	0.40	0.55	0.80	0.95	1.00	0.90	0.80	0.80	0.76	AC15-26055621
Organic Twin 50	0.40	0.70	0.95	1.00	1.00	0.95	0.95	0.90	0.85	AC15-26055621
Plenum 200 mm + 60 mm Glass wool insulation										
Organic 25	0.60	1.00	1.00	0.95	0.85	1.00	0.95	0.96	0.88	AC15-26055621
Organic 25 Authentic	0.60	0.90	0.95	0.85	0.75	0.95	0.85	0.90	0.80	AC15-26055621
Organic 35	0.60	1.00	1.00	0.95	0.95	1.00	0.95	1.00	0.91	AC15-26055621
Organic 35 Authentic	0.70	0.85	0.80	0.75	0.90	1.00	0.80	0.85	0.76	AC15-26055621

FIRE SAFETY

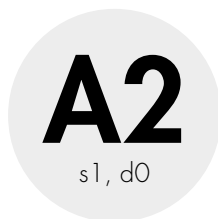
FIRE CLASSIFICATION

ORGANIC not only stands for an elegant finish and good acoustics, but it also offers optimum fire safety.

As standard, all panels are fire class B, and A2 is optionally possible.

Organic panels offer the right degree of protection against fire propagation.

In case you want to know more about fire safety, please consult our Customer Service Department. We are happy to give you advice.



STANDARD FOR ORGANIC

FIRE CLASSIFICATION

Fire classification refers to the classification of building materials into classes with regard to their reaction-to-fire – also referred to as ‘fire propagation’ – behaviour, according to the European standard EN 13501-1.

The values range from F (highly flammable) to A1 (non-flammable). The classification also rates smoke production (s1 to s3) and flaming particles/droplets (d0 to d2).

LIGHT REFLECTANCE

Light has an important influence on how comfortable we feel and on our performance (i.e. concentration and productivity), in offices and classrooms.

Since it is not very common that enough sunlight enters to light the entire room, we need artificial light to supplement this.

Using a ceiling with high and diffuse light reflectance reduces the need of artificial light. This means lower costs of electricity and more comfort in the room.

Organic panels in various colours have been tested to European standards. Their light reflectance can be as high as 75%. Again, the open structure of the panels contributes to this. This open structure creates a wide, diffuse reflection of the light.

Product	Colour	Reflectance value [%] [EN 410:2011 / EN 14500:2018]	Report number
Organic	Unpainted	51	EMI 17-26071764/C
	White (RAL9003)	75	EMI 17-26071764/E
Organic Twin	Silicium	43	EMI 17-26071764/D
Organic Mineral	Linen	46	EMI 17-26071764/B
	Stone grey	32	EMI 17-26071764/A

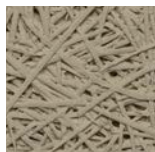
51% Unpainted



43% Silicium



32% Stone grey



75% White (similar to RAL 9003)



46% Linen



House of CoDesign, Saint-Ouen (F) ■ Auditorium ■ Architect: Six Architectes



College Lou Blazer ■ Montbéliard (F) ■ Class Room

TOLERANCES

We produce every Organic panel with the best tolerances possible, matching the product application.

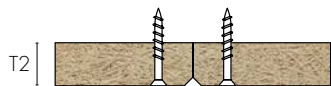
If the panels will be screwed to steel or wooden latticework, we offer panels with optimum thickness, length and width tolerances of 1 mm. This is achieved by careful calibration of the panels during the production process.

Aspect	Class	Tolerance [mm]	
Length	L4	+1 / -1 [L ≤ 1250]	+2 / -2 [L > 1250 mm]
Width	W2	+1 / -1	
Thickness - class T2*	T2	+1 / -1 [L ≤ 1250]	
Thickness - class T1	T1	+3 / -2 [L ≤ 1250]	
Squareness	S	≤ 5 mm/m	
Flatness	P2	≤ 3	

*THICKNESS TOLERANCES:

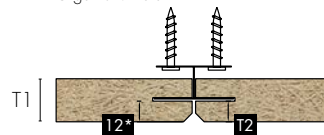
AK-01 / AK-99

Organic
Organic Twin
Organic Mineral



VK-11

Organic
Organic Mineral



*With panel thickness 35 mm: 16 mm

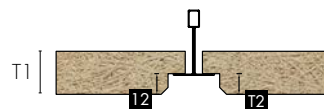
SK-04

Organic
Organic Twin



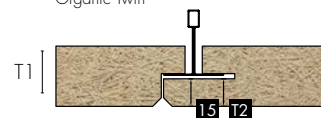
SK-06

Organic



VK-10

Organic
Organic Twin



CERTIFICATIONS



PEFC

The Programme for the Endorsement of Forest Certification (PEFC) is an international non-profit organization. 1 million forest owners manage over 300 million hectares of forest globally according to the strict criteria and requirements of PEFC. This makes PEFC the largest certification mark for sustainable forest management worldwide.



EXCELL ZONE VERTE

Excell zone verte is a voluntary certificate on air quality. Materials with the zone verte certificate can be used safely in a sensitive industrial or residential environment. Consider indirect contact with food or at hospitals.



ACERMI

The Association of the certification of Insulation Materials "ACERMI" offers neutral, independent support for the innovation of insulation materials. They test and validate specifications and performances of thermal insulation at the production site as well as in their laboratories.



A+

For many building materials, French regulations require a VOC classification. Each certification stands for a certain maximum emission of VOCs (Volatile Organic Compounds). Organic panels are A+ classified, the highest class.



ENVIRONMENTAL PRODUCT DECLARATION (EPD)

Life Cycle Analyses (LCA) are performed on our entire product line of wood wool insulation boards to assess their impacts on the environment and to keep ourselves at the forefront of environmental responsibility in our products and operations. And each LCA results in a full Environmental Product Declaration (EPD) that helps to assess the impact of using the boards in their construction applications.

SERVICE CHARTER

Service expectations vary from one client to another. To be able to tailor our service to meet your particular wishes and needs, we have put together a service charter for you. This document describes our main service elements. If you have any questions after reading it, please do not hesitate to contact our Customer Service Department by calling +31 (0) 162 42 12 45 or sending an e-mail to Customerservice.nl@knaufinsulation.com.

ORDERING

Orders can be placed by e-mail or fax. We will need the following information from you to be able to process an order properly:

- Product description
- The quantity required, the price agreed, plus a reference to any quotation or framework agreement applicable and the delivery conditions agreed on with your sales contact
- Order number (PO)
- Preferred delivery date
- Specific wishes (e.g. delivery instructions)

UNLOADING

The first hour of unloading time is free of charge for all deliveries. However, if the driver is forced to wait for more than one hour, (i) we will be forced to charge an extra fee of € 35.00 per additional half hour and (ii) the driver will decide how long he is able to wait given his schedule for the day. After unloading, the delivery note must be signed. It states the time of delivery, the number of products delivered and the quality of the delivery (visual inspection for signs of damage). Any visible damage, or other irregularities, observed upon delivery should be recorded on the delivery note.

EXPRESS DELIVERY

If products are in stock, it is possible to expedite delivery by choosing the express delivery option. Certain costs may apply, depending on your specific wishes. Naturally, we will only initiate your express delivery once you have agreed to any extra costs involved.

COLLECTING ORDERS (EX WORKS)

If products are in stock, you will be able to collect them straight from our factory - provided agreed on with us in advance. Please contact our Customer Service Department for more information.

CLIENT-SPECIFIC PRODUCTS (S-CLASSIFICATION)

Besides our standard range, Organic is also pleased to supply a number of client-specific products. These so-called S-products are not part of our standard range. As the name suggests, they are developed and produced entirely with the client's requirements in mind. Please contact your account manager or our Customer Service Department to discuss any particular wishes you might have. Our employees from the Customer Service Department will also be able to tell you more about the specific conditions applicable for these products.

SERVICE CHARTER

CHANGING AND CANCELLING ORDERS

Orders can be changed or cancelled free of charge if we receive the updated order information or cancellation within one working day of our order confirmation.

If changes are made to an order, we will only be able to guarantee the original price, delivery date and other conditions if we have (i) received (ii) assessed the change in question on time (iii) confirmed the change to you in writing.

If we are not able to approve the change required by you subject to the original conditions, we will send you a new proposal containing the updated price, delivery date and/or other conditions.

COMPLAINTS

Service is key here at Organic and we strive to keep complaints to an absolute minimum. Should you ever have a complaint - despite our best efforts to avoid this situation - please contact us as soon as possible. If you are not satisfied with the products delivered to you, please contact us immediately, before the products in question have been fitted. We will always work with you to find the best solution possible.

Please note that we will only be able to handle complaints relating to visible damage, underdeliveries and delivery of the wrong product if recorded on the delivery note carried by the driver.

GENERAL SALES AND DELIVERY CONDITIONS

Our general sales and delivery conditions apply to all our offers, communications and agreements, notwithstanding any provision to the contrary on your order forms or documents. The applicability of your purchase conditions, should you have any, are explicitly rejected. See www.organic.design for our general terms and conditions.



PROCESSING INSTRUCTIONS

We hope we inspired you and offered new ideas to realise acoustic solutions for any space.

A proper mounting is at the very base of an aesthetic finishing. To also help you with that we have a very detailed processing instructions for all the wood wool panels we offer. Including the processing instructions specific for Organic.

You can find these on www.organic.design



Forum, Saint-Louis (F) ■ Sports Hall
Architect: Manuelle Gautrand Architecture

Distributed by Encon Insulation & Nevill Long

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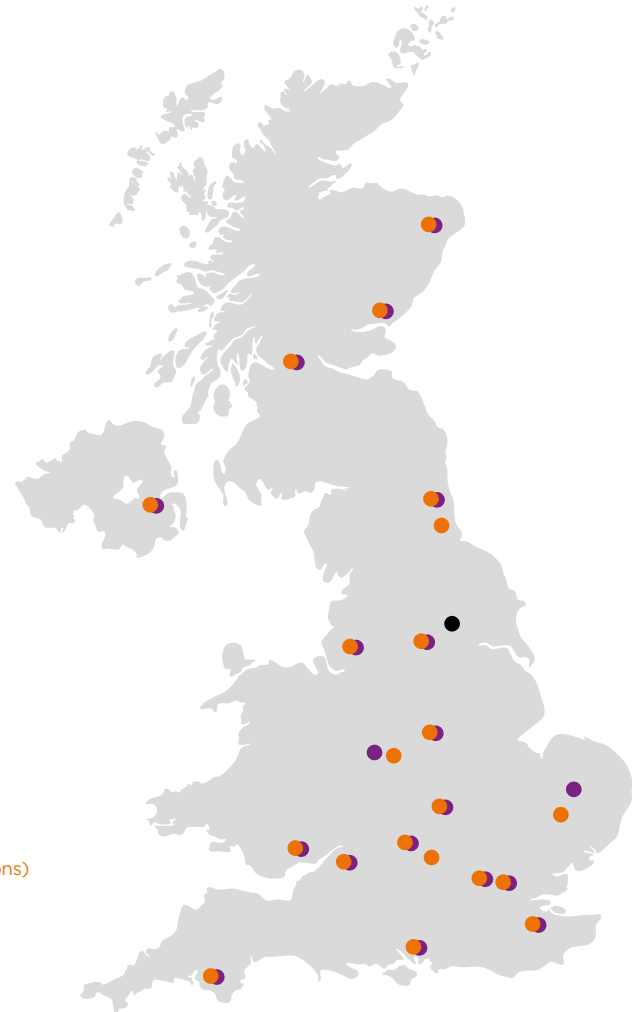
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