

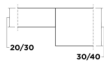
# ECOPHON FOCUS™ LEVELS

Ecophon Focus™ Levels is a creative system with different thicknesses, sizes and colours. The system is glued edge-to-edge directly to an existing soffit, ceiling or wall. Creates a unique design in levels and patterns.

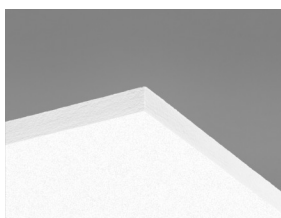


# Ecophon Focus™ Levels

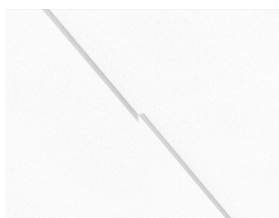
## SYSTEM RANGE



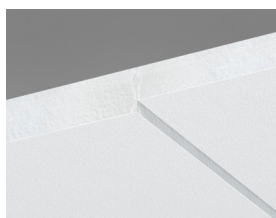
Size, mm	600x600	600x600	600x600	1200x300	1200x300	1200x300	1200x600	1200x600	1200x600
Direct	•	•	•	•	•	•	•	•	•
Thickness	20	30	40	20	30	40	20	30	40
Inst. Diagr.	M488, M489	M488, M489	M488, M489	M488, M489	M488, M489	M488, M489	M488, M489	M488, M489	M488, M489



Focus Levels tile



Focus Levels system



Section of Focus Levels system

## TYPE OF APPLICATION

- Healthcare
- Education
- Office

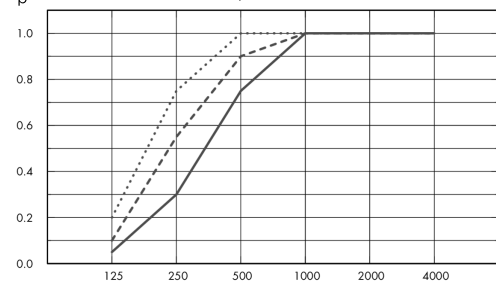


## ACOUSTIC

### Sound Absorption

Test results according to EN ISO 354. Classification according to EN ISO 11654, and the single value ratings for Noise Reduction Coefficient, NRC and Sound Absorption Average, SAA according to ASTM C 423.

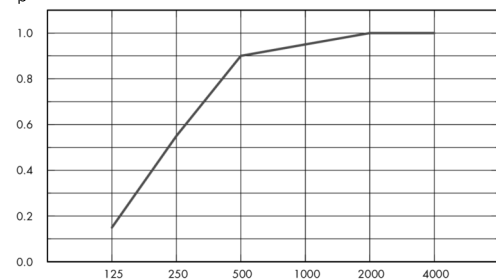
$\alpha_p$ , Practical sound absorption coefficient



Frequency  
Hz

- .... Focus Levels 40 mm, 43 mm o.d.s.
  - Focus Levels 30 mm, 33 mm o.d.s.
  - Focus Levels 20 mm, 23 mm o.d.s.
- o.d.s = overall depth of system

$\alpha_p$ , Practical sound absorption coefficient



Frequency  
Hz

- Focus Levels 20/30/40 mm (M488, M489), 23-43 mm o.d.s.
- o.d.s = overall depth of system

	THK mm	o.d.s. mm	$\alpha_p$ , Practical sound absorption coefficient						$\alpha_w$	Sound absorption class
			125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
-	40	43	0.20	0.75	1.00	1.00	1.00	1.00	1.00	A
-	30	33	0.10	0.55	0.90	1.00	1.00	1.00	0.85	B
-	20	23	0.05	0.30	0.75	1.00	1.00	1.00	0.60	C
20+30+40 mm	0	43	0.15	0.55	0.90	0.95	1.00	1.00	0.85	B

	THK mm	o.d.s. mm	NRC	SAA
-	40	43	0.95	0.98
-	30	33	0.85	0.86
-	20	23	0.75	0.78
20+30+40 mm	0	43	0.85	0.85



## INDOOR AIR QUALITY

Certificate / Label	Akutex FT White Frost	
Eurofins Indoor Air Comfort®	IAC Gold	IAC
French VOC	A+	A+



## CRADLE TO CRADLE CERTIFIED®

This product is Cradle to Cradle Certified® at Bronze level (version 4.0).



## MATERIAL HEALTH

This product has received a C2C Certified Material Health Certificate™ at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate™ is a verification of the health and safety of a product's composition using the Material Health requirements of the Cradle-to-Cradle Certified Product Standard.



## CARBON FOOTPRINT

Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804

	kg CO <sub>2</sub> equiv/m <sup>2</sup>
Focus Levels 20mm	5,03
Focus Levels 30mm	6,23
Focus Levels 40mm	7,44



## CIRCULARITY

Minimum post-consumer recycled content (20 mm)	58%
Minimum post-consumer recycled content (30 mm)	62%
Minimum post-consumer recycled content (40 mm)	64%
Recyclability	Fully recyclable



## FIRE SAFETY

The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.

Country	Fire standard	Class
Europe	EN 13501-1	A2-s1,d0



## HUMIDITY RESISTANCE

Class C, relative humidity 95% and 30°C, according to EN 13964:2014



## VISUAL APPEARANCE

White Frost, nearest NCS colour sample S 0500-N, 85% light reflectance. Gloss < 1.



## CLEANABILITY

Daily dusting and vacuum cleaning. Weekly wet wiping.



## ACCESSIBILITY

The tiles are non-demountable.



## INSTALLATION

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification. Rendered surfaces must have sufficient strength to be able to carry the load imposed by the tiles. If doubts, test gluing should be carried out. The surface should always be dry and clean. For best result the surface should be even, however an acceptable result could be achieved on slightly uneven surfaces.



## PACKAGING INFORMATION

Information is indicative and subject to change.

	Thickness	Panels / crt	m <sup>2</sup> / crt
600x600	20	20	7.20
1200x600	20	10	7.20
1200x300	20	20	7.20
600x600	30	12	4.32
1200x600	30	8	5.76
1200x300	30	16	5.76
600x600	40	10	3.60
1200x600	40	6	4.32
1200x300	40	12	4.32



## SYSTEM WEIGHT

Weight information is indicative and subject to variation.

	kg/m <sup>2</sup>
Focus Levels 20 mm	2,4
Focus Levels 30 mm	3,4
Focus Levels 40 mm	4,4



## MECHANICAL PROPERTIES

Additional live load has to be fixed to the soffit.



## CE

Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.

## COLOURS AND DESIGN

### Akutex™ FT



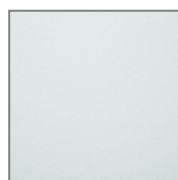
White Frost



Deep Sea



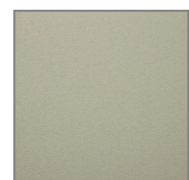
Sage Mist



Morning Rain



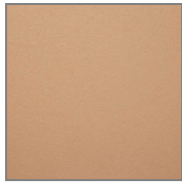
Scallop Shells



Spring Leaf



Pine Green



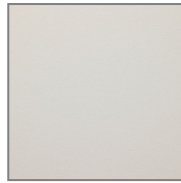
Wet Sand



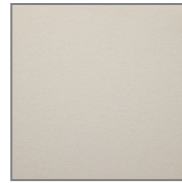
Silent Steam



Dark Diamond



Cloudy Day



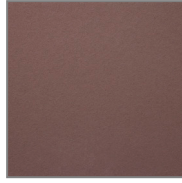
Volcanic Ash



Silver Stone



Silk Slate

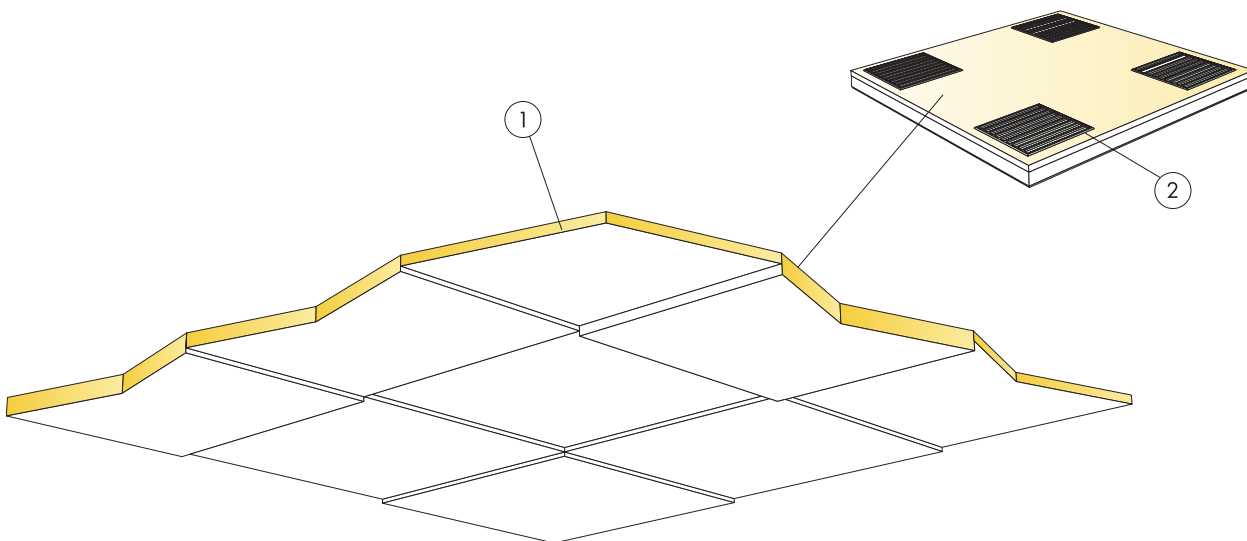


Dark Chestnut



Basalt Rock

**Glued installation**

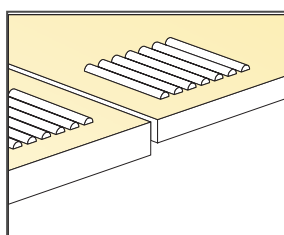
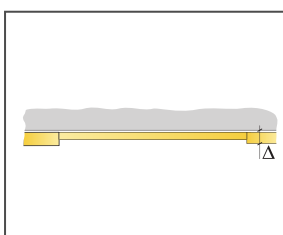


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Installation diagram (M488) for Ecophon Focus Levels, using Connect Absorber glue

Quantity specification (excl. wastage)

	Size, mm		
	600x600	1200x300	1200x600
1 Focus Levels	2,8/m <sup>2</sup>	2,8/m <sup>2</sup>	1,4/m <sup>2</sup>
2 Connect Absorber glue (0,25 l/m <sup>2</sup> - 0,4 l/m <sup>2</sup> depending on installation conditions) (10 Litres)	as required	as required	as required
Use Connect Notched spatula to apply the glue.			
Δ Min. overall depth of system: 23 mm			
δ Min. demounting depth: The system is non-demountable			
Cut visible edges should be painted			
Installation shows 30% of each thickness			

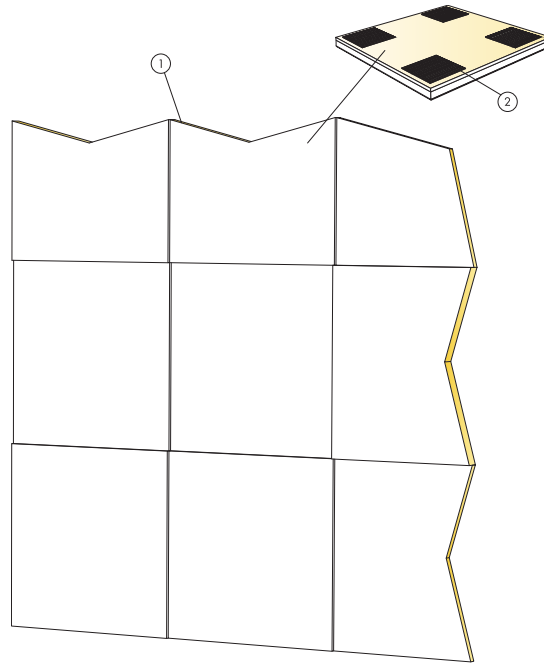


Application of glue

Size, mm	Max live load (N)	Min load bearing capacity (N)
600x600x20	-	-
600x600x30	-	-
600x600x40	-	-
1200x300x20	-	-
1200x300x30	-	-
1200x300x40	-	-

Live load/load bearing capacity

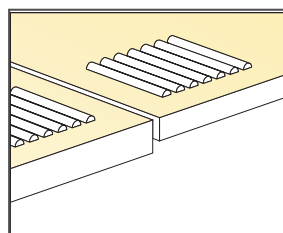
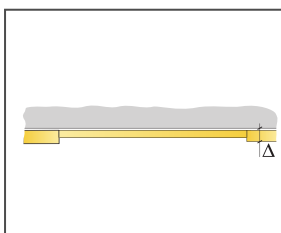
**Glued installation**



© Ecophon Group  
Installation diagram (M489) for Ecophon Focus Levels, using Connect Absorber glue

**Quantity specification (excl. wastage)**

	Size, mm		
	600x600	1200x300	1200x600
1 Focus Levels	2,8/m <sup>2</sup>	2,8/m <sup>2</sup>	1,4/m <sup>2</sup>
2 Connect Absorber glue (0,25 l/m <sup>2</sup> - 0,4 l/m <sup>2</sup> depending on installation conditions) (10 Litres)	as required	as required	as required
Use Connect Notched spatula to apply the glue.			
Δ Min. overall depth of system: 23 mm			
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Cut visible edges should be painted			
Installation shows 30% of each thickness			



Application of glue

Size, mm	Max live load (N)	Min load bearing capacity (N)
600x600x20	-	-
600x600x30	-	-
600x600x40	-	-
1200x300x20	-	-
1200x300x30	-	-
1200x300x40	-	-

Live load/load bearing capacity