

Ecophon Focus™ Levels

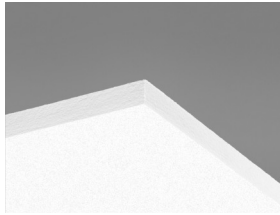
Ecophon Focus™ Levels is a creative system with different thicknesses, sizes and colours. The system is glued edge-to-edge directly to an existing soffit, ceiling or wall. Creates a unique design in levels and patterns.



SYSTEM RANGE



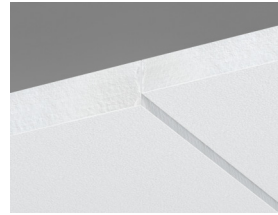
Size, mm	600x600	600x600	600x600	1200x300	1200x300	1200x300	1200x600	1200x600	1200x600
Direct	•	•	•	•	•	•	•	•	•
Thickness (THK)	20	30	40	20	30	40	20	30	40
Inst. Diag.	M488, M489	M488, M489	M488, M489	M488, M489	M488, M489	M488, M489	M488, M489	M488, M489	M488, M489



Focus Levels tile



Focus Levels system



Section of Focus Levels system

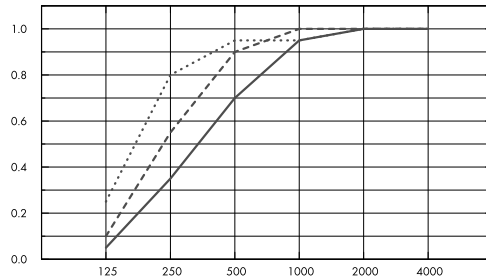


Acoustic

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.

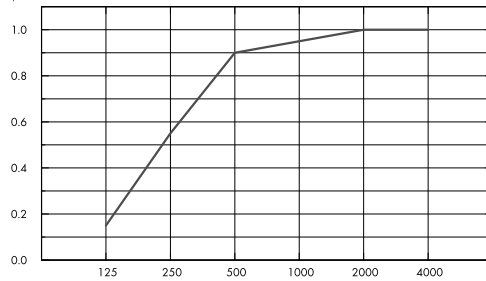
α_p , Practical sound absorption coefficient



- 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.

Frequency Hz

α_p , Practical sound absorption coefficient



- Focus Levels 20/30/40 mm (M488, M489), 23-43 mm o.d.s.

Frequency Hz

THK mm	o.d.s. mm	α_p , Practical sound absorption coefficient						α_w	Sound absorption class
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
40	43	0.25	0.80	0.95	0.95	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	0.35	0.70	0.95	1.00	1.00	0.65	C
0	43	0.15	0.55	0.90	0.95	1.00	1.00	0.85	B



Indoor Air Quality

Certificate / Label

Eurofins Indoor Air Comfort®

IAC

French VOC

A

Finnish M1

•





Environmental Footprint

Kg CO ₂ equiv/m ²	
Focus Levels 20mm	5,03 (Focus Levels family EPD in conformity with ISO 14025 / EN 15804)
Focus Levels 30mm	6,23 (Focus Levels EPD in conformity with ISO 14025 / EN 15804)
Focus Levels 40mm	7,44 (Focus Levels family EPD in conformity with ISO 14025 / EN 15804)



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

Country	Standard	Class
Europe	EN 13501-1	A2-s1,d0

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



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 not 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.



Mechanical properties

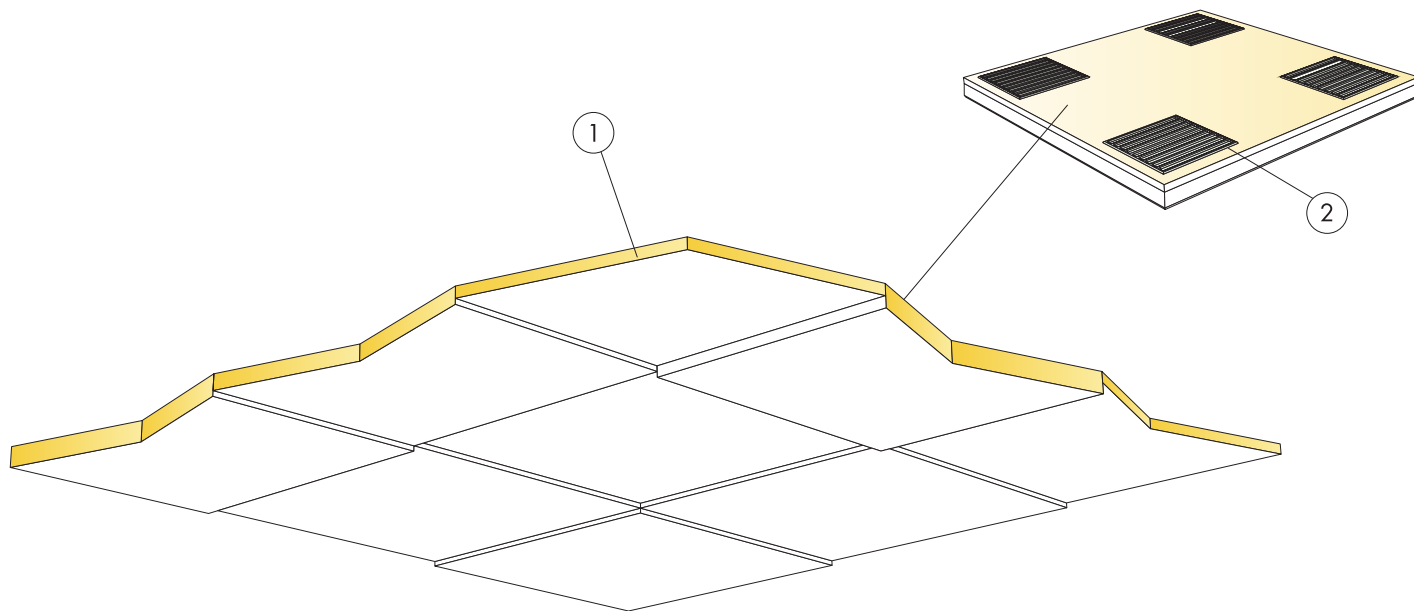
Additional live load has to be fixed to the soffit.



CE

Ecophon ceiling systems are CE marked according to the European harmonized standard EN 13964:2014. 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.

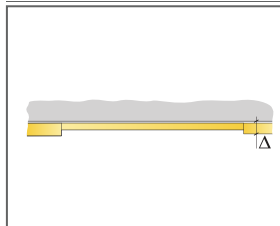
INSTALLATION DIAGRAM (M488) FOR ECOPHON FOCUS LEVELS, USING CONNECT ABSORBER GLUE



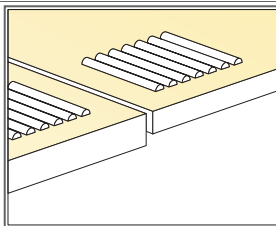
© Ecophon Group

QUANTITY SPECIFICATION (EXCL. WASTAGE)

	Size, mm								
	600x600	600x600	600x600	1200x300	1200x300	1200x300	1200x600	1200x600	1200x600
1 Focus Levels	2,8/m ²	2,8/m ²	2,8/m ²	2,8/m ²	2,8/m ²	2,8/m ²	1,4/m ²	1,4/m ²	1,4/m ²
2 Connect Absorber glue (0,25 l/m ² - 0,4 l/m ² depending on installation conditions)	as required	as required	as required	as required	as required	as required	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 not demountable	-	-	-	-	-	-	-	-	-
Visible edges should be painted	-	-	-	-	-	-	-	-	-
Installation shows 30% of each thickness	-	-	-	-	-	-	-	-	-

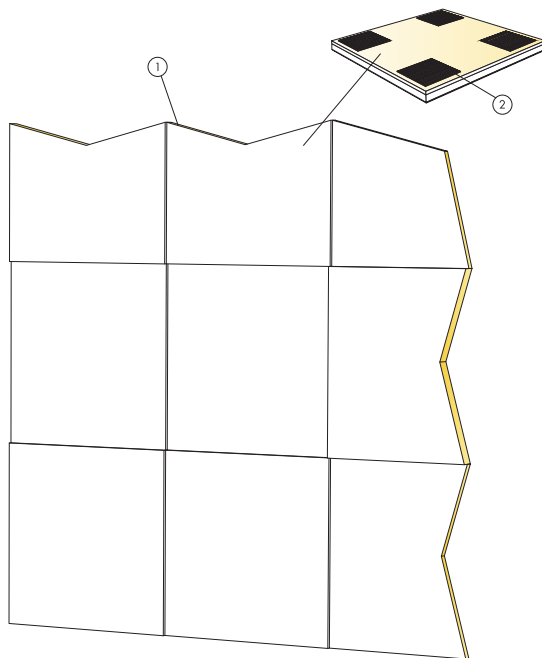


See Quantity specification



Application of glue

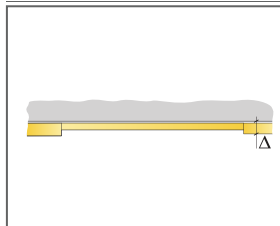
INSTALLATION DIAGRAM (M489) FOR ECOPHON FOCUS LEVELS, USING CONNECT ABSORBER GLUE



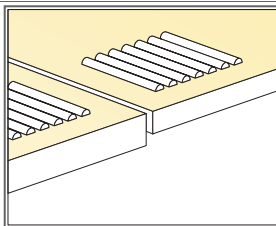
© Ecophon Group

QUANTITY SPECIFICATION (EXCL. WASTAGE)

	Size, mm								
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2 Connect Absorber glue (0,25 l/m ² - 0,4 l/m ² depending on installation conditions)	as required	as required	as required	as required	as required	as required	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 not demountable	-	-	-	-	-	-	-	-	-
Visible edges should be painted	-	-	-	-	-	-	-	-	-
Installation shows 30% of each thickness	-	-	-	-	-	-	-	-	-



See Quantity specification



Application of glue