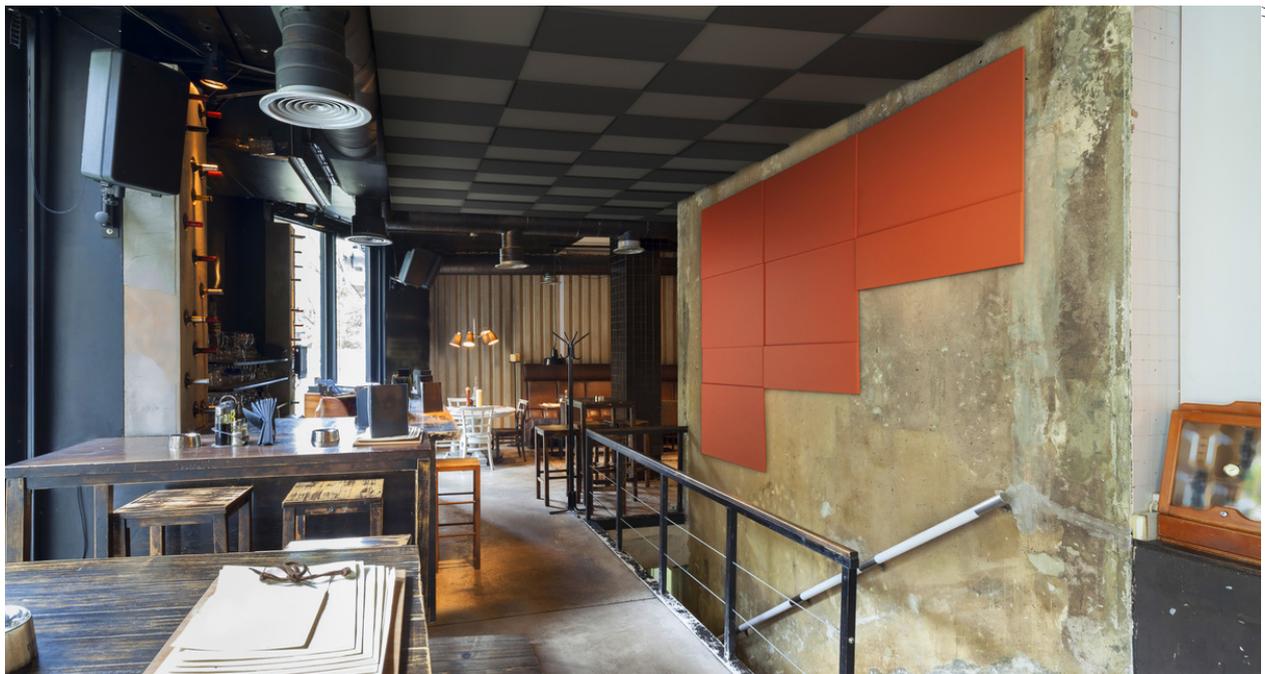


# Ecophon Focus™ Levels

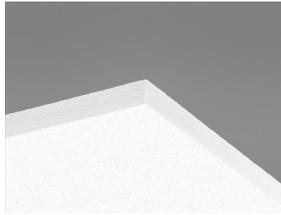
Ecophon Focus™ Levels is a creative system with different thicknesses, sizes and colours. The system is glued edge-to-edge directly to an existing soffit, ceiling or wall. Creates a unique design in levels and patterns.



## SYSTEM RANGE



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



Focus Levels tile



Focus Levels system



Section of Focus Levels system

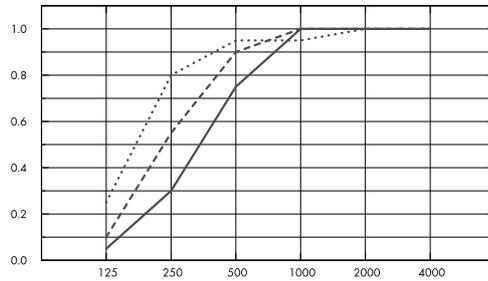
## Acoustic



### 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.

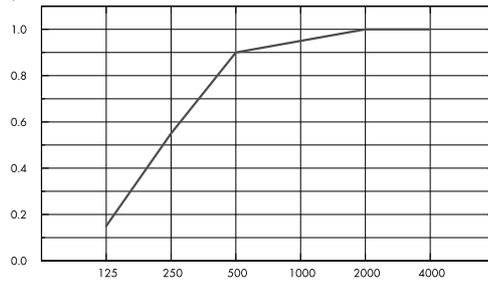
$\alpha_p$ , Practical sound absorption coefficient



- .... 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.
- o.d.s = overall depth of system

Frequency Hz

$\alpha_p$ , Practical sound absorption coefficient



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

Frequency Hz

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	0.25	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	0.30	0.75	1.00	1.00	1.00	0.60	C
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
20	23	0.75	0.78

## Indoor Air Quality



Certificate / Label	
Euofins Indoor Air Comfort®	IAC
French VOC	A
Finnish M1	•





## Environmental footprint

	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

Life-cycle stages A1 to C4 from 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 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.



## Mechanical properties

Additional live load has to be fixed to the soffit.

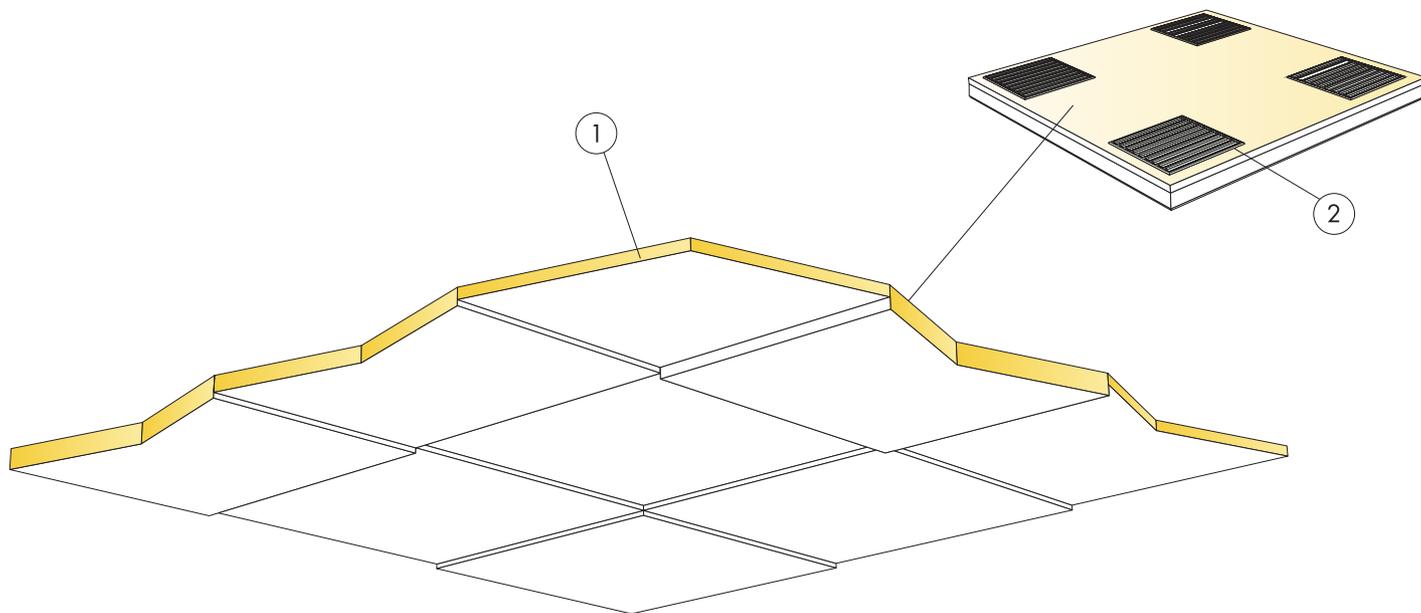


## CE

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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.

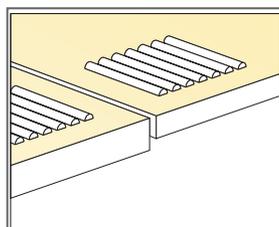
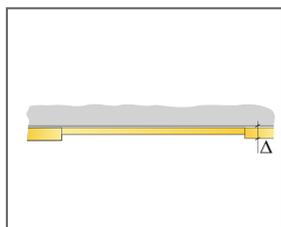
## INSTALLATION DIAGRAM (M488) FOR ECOPHON FOCUS LEVELS, USING CONNECT ABSORBER GLUE



© Ecophon Group

### QUANTITY SPECIFICATION (EXCL. WASTAGE)

	Size, mm		
	600x600	1200x300	1200x600
1 Focus Levels	2,8/m <sup>2</sup>	2,8/m <sup>2</sup>	2,8/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	-	-	-

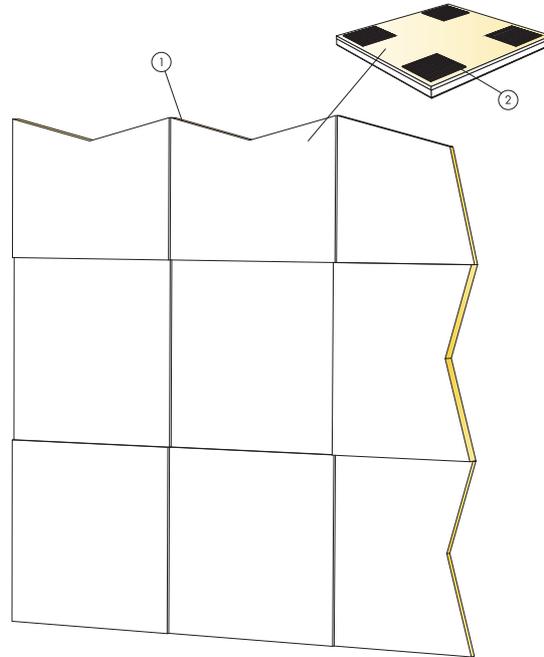


Application of glue

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

Live load/load bearing capacity

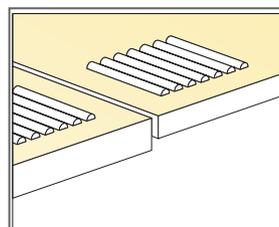
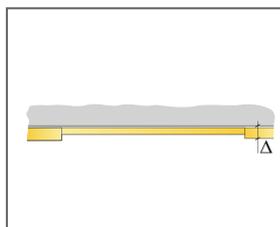
## INSTALLATION DIAGRAM (M489) FOR ECOPHON FOCUS LEVELS, USING CONNECT ABSORBER GLUE



© Ecophon Group

### QUANTITY SPECIFICATION (EXCL. WASTAGE)

	Size, mm		
	600x600	1200x300	1200x600
1 Focus Levels	2,8/m <sup>2</sup>	2,8/m <sup>2</sup>	2,8/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