

Ecophon Focus™ SQ

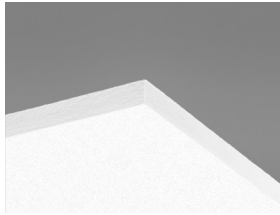
Ecophon Focus™ SQ bonds directly to the soffit surface. Tiles are installed with a gap between each tile, creating a ceiling with a smooth appearance. For applications where the minimum possible overall depth of system is required due to limited space or other reason.



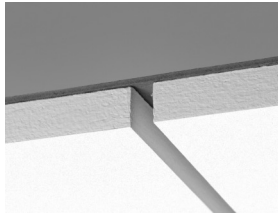
SYSTEM RANGE



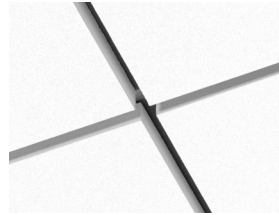
Size, mm	600x600	1200x600
Direct	•	•
Thickness (THK)	20	20
Inst. Diag.	M107	M107



Focus SQ tile



Section of Focus SQ system



Focus SQ system

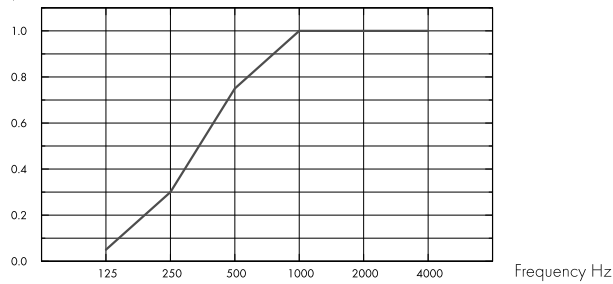
Acoustic



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 SQ 20 mm, 23 mm o.d.s.
o.d.s = overall depth of system

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		
20	23	0.05	0.30	0.75	1.00	1.00	1.00	0.60	C

THK mm	o.d.s. mm	NRC	SAA
20	23	0.75	0.78

THK mm	AC(1.5) Articulation Class, ASTM E1111, ASTM E1110
20	190

Indoor Air Quality



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



Environmental Footprint



	kg CO ₂ equiv/m ²
Focus SQ	4,88

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



Circularity

Minimum post-consumer recycled content	57%
Recyclability	Fully recyclable



Fire safety

Country	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.



System weight

The weight of the system should be approximately 2,5 kg/m²



Mechanical properties

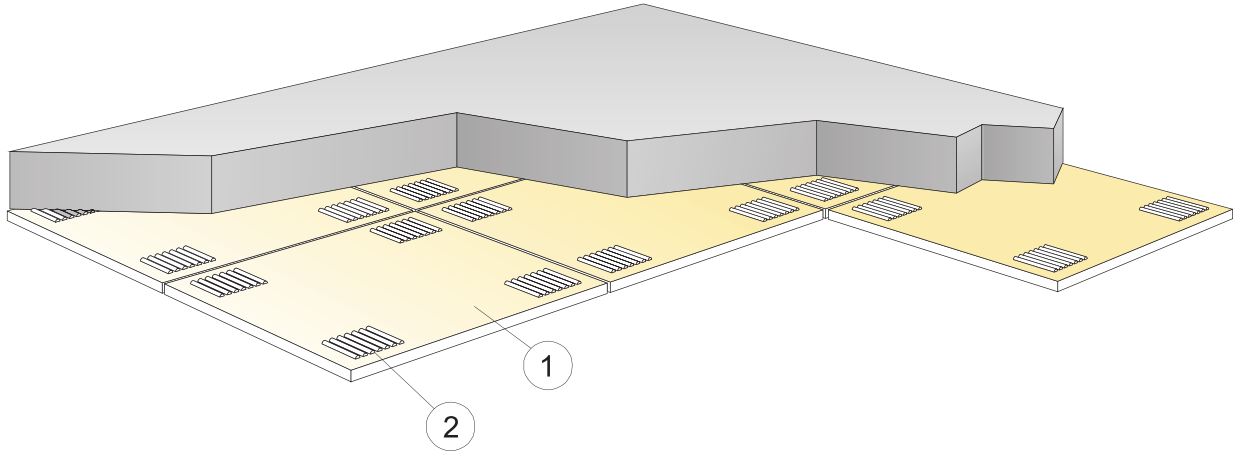
Additional live load has to be fixed to the soffit.



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.

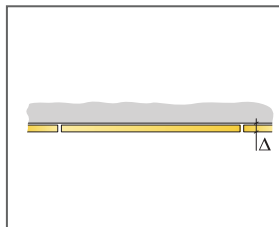
INSTALLATION DIAGRAM (M107) FOR ECOPHON FOCUS SQ, USING CONNECT ABSORBER GLUE



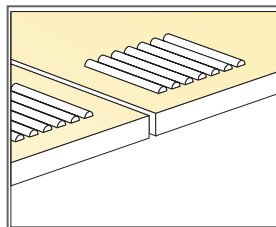
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QUANTITY SPECIFICATION (EXCL. WASTAGE)

	Size, mm	
	600x600	1200x600
1 Focus SQ	2,8/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
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	-	-
* Panel Module size 600x600 [592x592], 1200x600 [1192x592]	-	-



See Quantity specification



Application of glue

Size, mm	Max live load (N)	Min load bearing capacity (N)
600x600x20	-	-
1200x600x20	-	-

Live load/load bearing capacity