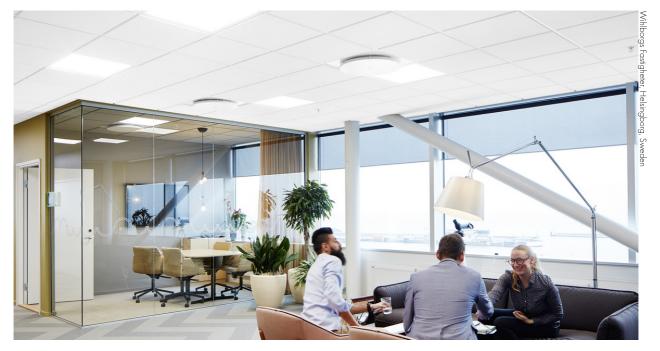


Ecophon Focus[™] E

Ecophon Focus™ E has a recessed visible grid and a tegular edge, creating a ceiling with a shadow effect that accentuates each tile and partially conceals the grid. For applications where an attractive suspended ceiling is required and easy removal of individual tiles is essential.

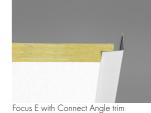


Set Cont	Size, mm	600x600	1200x600	1200x1200	XL 1600x600	XL 1 800×600	XL 2000×600	XL 2400x600
24/15	Connect T15	•	•	•				
	Connect T24	•	•	•	•	•	•	•
	Thickness	20	20	20	20	20	20	20
	Inst. Diagr.	M12	M12	M12	M47, M49	M47, M49	M47, M49	M47, M49



Section of Focus E system with Connect

Focus E system with Connect T24



Focus E tile

Acoustic

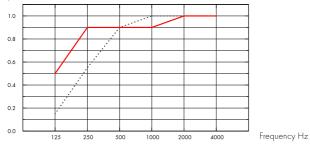


Sound Absorption:

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.

 $lpha_{
m p}$, Practical sound absorption coefficient

T24



···· Focus E 20 mm, 60 mm o.d.s.

- Focus E 20 mm, 200 mm o.d.s.
- o.d.s = overall depth of system

THK	o.d.s. mm		$lpha_{ m p'}$ Pr	ractical soun	d absorption c	coefficient		α_{w}	Sound absorption class
mm	0.0.3. 11111	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	~~ _W	
20	60	0.15	0.55	0.90	1.00	1.00	1.00	0.85	В
20	200	0.50	0.90	0.90	0.90	1.00	1.00	0.95	А

THK mm	o.d.s. mm	NRC	SAA
20	60	0.90	0.87
20	400	0.85	0.85

T⊢	-1 K	AC(1.5)	D _{nfw}	CAC dB
mi		Articulation Class, ASTM E1111, ASTM E1110	Weighted normalized flanking level difference, ISO 10848-2	Ceiling Attenuation Class, ASTM 1414, ASTM E413
20	0	180	22	23



Indoor Air Quality

Certificate / Label	Standard	Plant	SOR AIR COM	
Eurofins Indoor Air Comfort®	IAC	IAC Gold	REAL PRODUCT	
French VOC	A	A+	_	
Finnish M1	•	•		





)°		kg CO2 equiv/m²
	Focus E	3,66
	Focus E/Plant	2,35

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

Circularity

)	Minimum post-consumer recycled content	55%
	Recyclability	Fully recyclable

Fire safety

\sim				
))	Country	Standard	Class	The glass w
	Europe	EN 13501-1	A2-s1,d0	non-combus

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



Humidity Resistance

Product	
Standard	Class C, RH 95% and 30°C
Plant	Class A, RH 70% and 25°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 easily demountable. Minimum demounting depth according to installation diagrams.



Installation

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification.



System weight

The weight of the system (including suspension grid) should be approximately 3 kg/m².

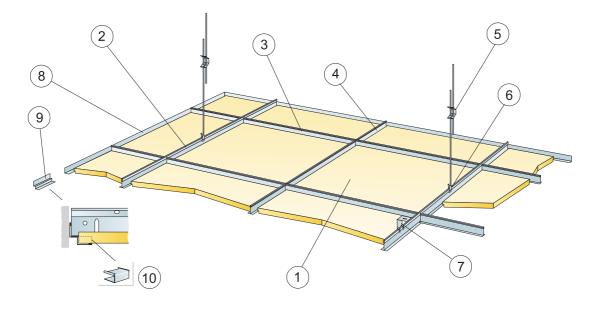


Mechanical properties

See table about Max live load and Min load bearing capacity and Functional demands, Mechanical properties at www.ecophon.com.

CE

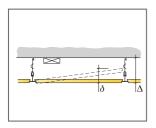
Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.

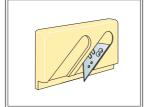


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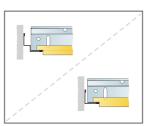
QUANTITY SPECIFICATION (EXCL. WASTAGE)

5 00×600 2,8/m²	1200×600	1200×1200
2,8/m²		0,7/m²
	00 / 0	
),9m/m²	0,9m/m²	0,9m/m²
1,7m/m²	1,7m/m²	0,9m/m²
),9m/m²		-
),7/m²	0,7/m²	0,7/m²
),7/m²	0,7/m²	0,7/m²
),7/m²	0,7/m²	0,7/m²
as required	as required	as required
as required	as required	as required
as required	as required	as required
	required	· ·





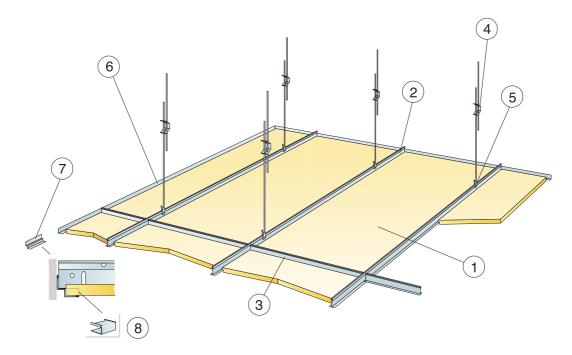
Connect Cutting tool E



Tegular rebate with angle trim and T-profile on foot of shadow-line trim.

600x600x20 50 160 1200x600x20 50 160 1200x1200x20 50 160
1200-1200-20 50 160
120001200020 50 100

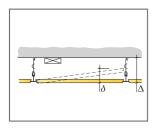
Live load/load bearing capacity

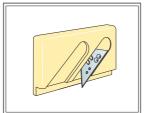


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QUANTITY SPECIFICATION (EXCL. WASTAGE)

	Size, mm	Size, mm			
	1600×600	1800×600	2000×600	2400×600	
1 Focus E	1,05/m²	0,95/m²	0,85/m²	0,7/m²	
2 Connect T24 Main runner, installed at 600 mm centres	1,7m/m²	1,7m/m²	1,7m/m²	1,7m/m²	
3 Connect T24 Cross tee, L=600 mm	0,65m/m²	0,6m/m²	0,5m/m²	0,45m/m²	
4 Connect Adjustable hanger, installed at 1500 mm centres (max. distance from wall 450 mm)	1,1/m²	1,1/m²	1,1/m²	1,1/m²	
5 Connect Hanger clip	1,1/m²	1,1/m²	1,1/m²	1,1/m²	
6 Connect Angle trim, fixed at 300 mm centres	as required	as required	as required	as required	
7 Connect Shadow-line trim, fixed at 300 mm centres	as required	as required	as required	as required	
8 Connect E-plug (for Shadow-line trim)	as required	as required	as required	as required	
Δ Min. overall depth of system: 110 mm	-				
δ Minimum demounting depth: 110 mm				-	





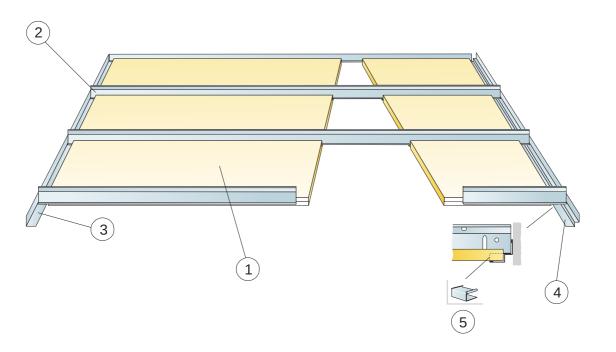
Cutting tool E 0221



Tegular rebate with angle trim and T-profile on foot of shadow-line trim.

Size, mm	Max live load (N)	Min load bearing capacity (N)
1600x600x20	50	160
1800x600x20	50	160
2000x600x20	50	160
2400x600x20	50	160

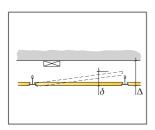
Live load/load bearing capacity

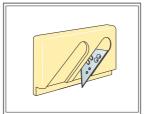


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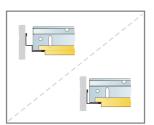
QUANTITY SPECIFICATION (EXCL. WASTAGE)

		Size, mm	Size, mm		
		1600×600	1800×600	2000x600	2400×600
1	Focus E	1,05/m²	0,95/m²	0,85/m²	0,7/m²
2	Connect T24 Corridor profile, installed at 600 mm centres	1,05/m²	0,95/m²	0,85/m²	0,7/m²
3	Connect Angle trim, fixed at 200 mm centres	as required	as required	as required	as required
1	Connect Shadow-line trim, fixed at 200 mm centres	as required	as required	as required	as required
5	Connect E-plug (for Shadow-line trim)	as required	as required	as required	as required
	Δ Min. overall depth of system: 50 mm				
	δ Min. demounting depth: 75 mm			-	





Cutting tool E 0221



Tegular rebate with angle trim and T-profile on foot of shadow-line trim.

Size, mm	Max live load (N)	Min load bearing capacity (N)
1600x600x20	40	÷
1800x600x20	20	-
2000x600x20	10	-
2400x600x20	0	-

Live load/load bearing capacity