

Ecophon Focus™ D/A

Ecophon Focus™ DA features an edge D on the long side and edge A on the short side. Each panel is individually demounted. Fulfills the strictest functional and aesthetic demands. Especially developed for corridor and bandraaster solutions where long panels are required.

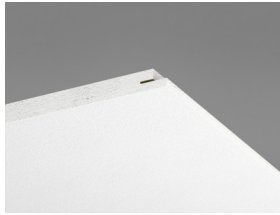


Eneco Head Office, Rotterdam, Netherlands

SYSTEM RANGE



Size, mm	XL 2000x600	XL 2400x600
T24	•	•
Thickness (THK)	20	20
Inst. Diag.	M17	M17



Focus D/A tile



Focus D/A for Bandraستر

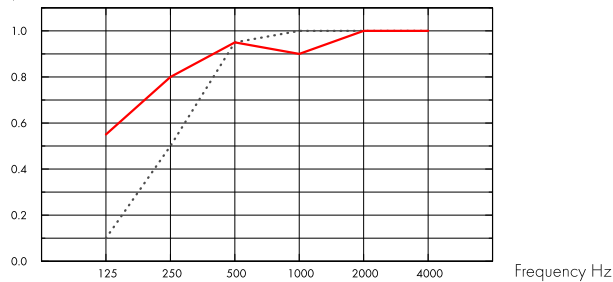
Acoustic



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 D/A 20 mm, 60 mm o.d.s.

— Focus D/A 20 mm, 200 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	60	0.10	0.50	0.95	1.00	1.00	1.00	0.80	A
20	200	0.55	0.80	0.95	0.90	1.00	1.00	0.95	A

THK mm	o.d.s. mm	NRC	SAA
20	60	0.90	0.89
20	400	0.80	0.82

THK mm	AC(1.5)	D_{nfw}	CAC dB
	Articulation Class, ASTM E1111, ASTM E1110	Weighted normalized flanking level difference, ISO 10848-2	Ceiling Attenuation Class, ASTM 1414, ASTM E413
20	180	24	25

Indoor Air Quality



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



Environmental Footprint



kg CO ₂ equiv/m ²	
Focus DA	4,32

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 easily demountable. Minimum demounting depth according to installation diagrams.



Installation

Installed according to installation diagram and bandraster/grid supplier recommendations.



System weight

The weight of the system (including suspension grid) should be approximately 2 kg/m².



Mechanical properties

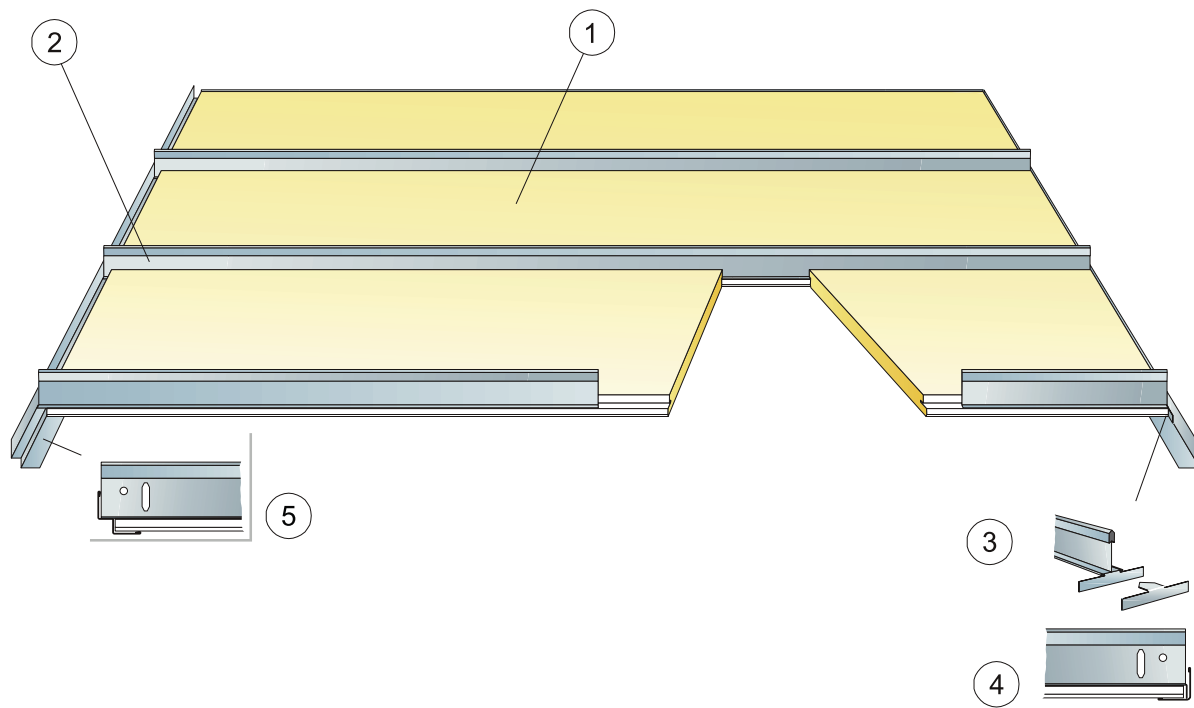
See table about Max live load and Min load bearing capacity and Functional demands, Mechanical properties at www.ecophon.com.



CE

Ecophon ceiling systems are CE marked according to the European harmonized standard 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 (M17) FOR FOCUS D/A IN CORRIDOR



QUANTITY SPECIFICATION (EXCL. WASTAGE)

	Size, mm	
	2000x600	2400x600
1 Focus D/A for corridors	0,85/m ²	0,7/m ²
2 Connect T24 Corridor profile, installed at 600 mm centres	0,85/m ²	0,7/m ²
3 Connect End fixing plate	1,7/m ²	1,4/m ²
4 Connect Angle trim, fixed at 200 mm centres	as required	as required
5 Connect Shadow-line trim, fixed at 200 mm centres	as required	as required
Δ Min. overall depth of system: 50 mm	-	-
δ Min. demounting depth: 75 mm	-	-

Size, mm	Max live load (N)	Min load bearing capacity (N)
2000x600x20	10	-
2400x600x20	0	-

Live load/load bearing capacity