

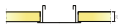
# Ecophon Focus™ D/A

*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 bandraster solutions where long panels are required.*

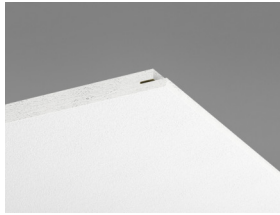


Eneco Head Office, Rotterdam, Netherlands

## SYSTEM RANGE



Size, mm	XL 1720x600	XL 2000x600	XL 2400x600
T24	•	•	•
Thickness (THK)	20	20	20
Inst. Diagr.	M17	M17	M17



Focus D/A tile



Focus D/A for Bandraستر

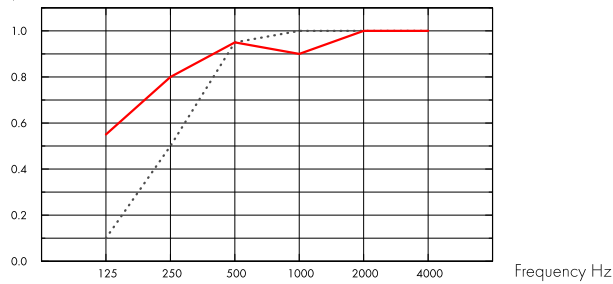


## Acoustic

### 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.

$\alpha_p$ , Practical sound absorption coefficient



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

— Focus D/A 20 mm, 200 mm o.d.s.

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		
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	Standard	Plant
Eurofins Indoor Air Comfort®	IAC	IAC Gold
French VOC	A	A+
Finnish M1	•	•



## Environmental Footprint

	Kg CO <sub>2</sub> equiv/m <sup>2</sup>
Focus DA	4,32 (Focus family EPD in conformity with ISO 14025 / EN 15804)



### Circularity

Minimum post-consumer recycled content	57%
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

Product	According to EN 13964:2014	
Standard	Class C, RH 95% and 30°C	
Plant	Class A, RH 70% and 25°C	



### 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/m<sup>2</sup>.



### Mechanical properties

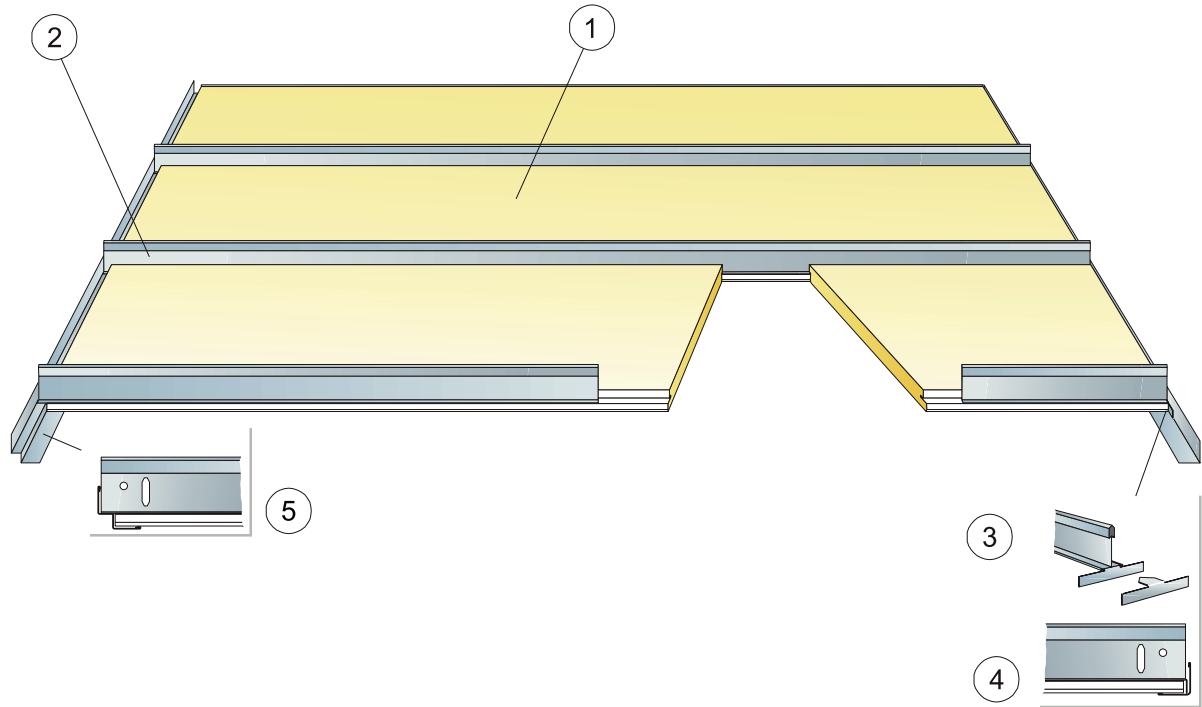
See table about Max live load and Min load bearing capacity and Functional demands, Mechanical properties at [www.ecophon.com](http://www.ecophon.com).



### 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		
	1720x600	2000x600	2400x600
1 Focus D/A for corridors	0,97/m <sup>2</sup>	0,85/m <sup>2</sup>	0,7/m <sup>2</sup>
2 Connect T24 Corridor profile, installed at 600 mm centres	0,95/m <sup>2</sup>	0,85/m <sup>2</sup>	0,7/m <sup>2</sup>
3 Connect End fixing plate	1,95/m <sup>2</sup>	1,7/m <sup>2</sup>	1,4/m <sup>2</sup>
4 Connect Angle trim, fixed at 200 mm centres	as required	as required	as required
5 Connect Shadow-line trim, fixed at 200 mm centres	as required	as required	as required
Δ Min. overall depth of system: 50 mm	-	-	-
δ Min. demounting depth: 75 mm	-	-	-