

Ecophon Focus™ D/A for Bandraster

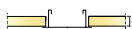
Especially developed for bandraster solutions where long panels are required. The Ecophon Focus is a product well known for fulfilling the strictest functional and aesthetical demands. The panels have an edge D on the long sides and edge A on the short sides. Each panel is individually demountable.

The weight of the panel is approximately 2 kg/m². The tiles are manufactured from high density, 3rd generation glass wool. The visible side has an Akutex™ FT surface and the back of the tile is covered with a glass tissue. Focus D/A for Bandraster is delivered with painted edges.



Eneco Head Office, Rotterdam, Netherlands

SYSTEM RANGE



Size, mm	1720x300	1720x600	2000x600	2400x600
Bandraster	•	•	•	•
T24		•	•	•
Thickness (THK)	20	20	20	20
Inst. Diag.	M348	M348, M17	M348, M17	M348, M17



Focus D/A tile



Focus D/A for Bandraster

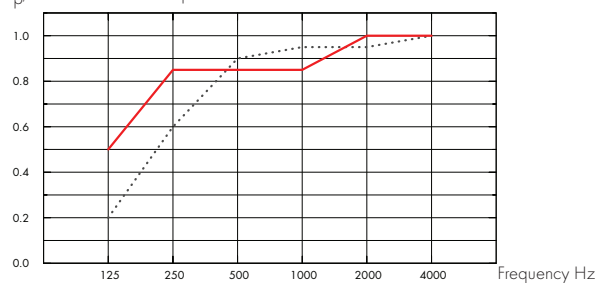


Acoustic

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, 65 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	65	0.20	0.60	0.90	0.95	0.95	1.00	0.90	A
20	200	0.50	0.85	0.85	0.85	1.00	1.00	0.90	A

THK mm	o.d.s. mm	NRC	SAA
20	65	0.90	0.89

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



Accessibility

The tiles are easily demountable. Minimum demounting depth according to installation diagrams.



Cleanability

Daily dusting and vacuum cleaning. Weekly wet wiping.



Visual appearance

White Frost, nearest NCS colour sample S 0500-N, 85% light reflectance (of which more than 99% is diffuse reflection). Retro reflection coefficient 63 mcd/(m²lx). Gloss < 1.



Influence of climate

The tiles withstand a permanent ambient RH up to 95% at 30°C without sagging, warping or delaminating (ISO 4611).



Indoor Climate

Certificate / Label

French VOC, A+	•
Swedish Asthma and Allergy Association	•
Danish Indoor Climate Label	•
California Emission Regulation, CDPH	•



Environmental influence

Certificate / Label

The Nordic Ecolabel	•
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Fully recycable.



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.
The systems are classified as fire protective covering according to NT FIRE 003.



Mechanical properties

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



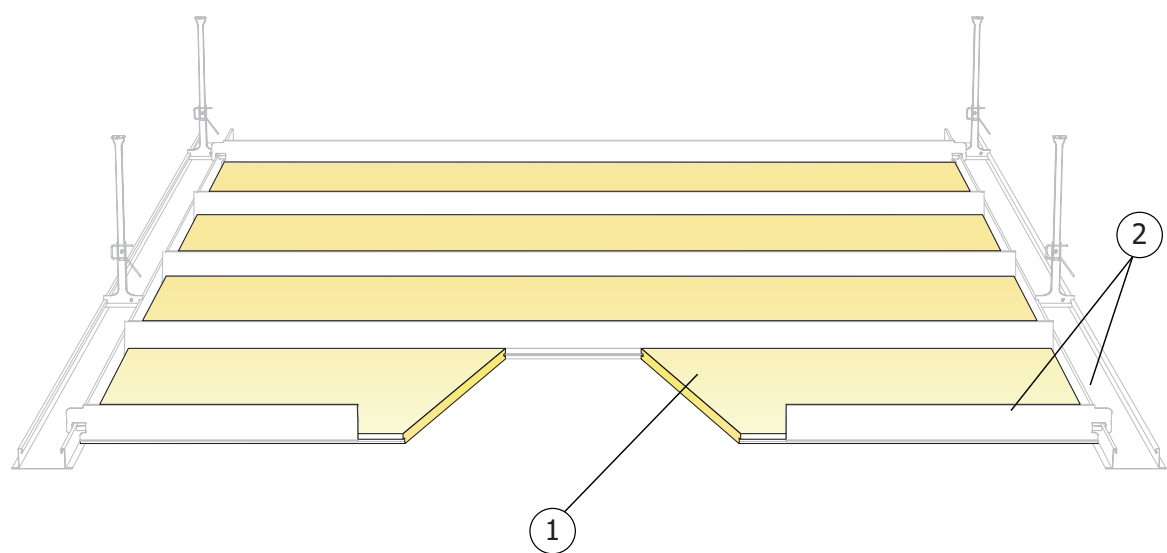
Installation

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



CE

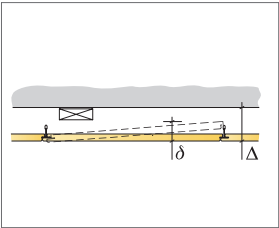
The CE marking confirms important product performance such as sound absorption, emissions, fire safety and load bearing capacity. All Ecophon ceiling products are CE marked according to European standard EN13964, and individual product performance is declared in Declaration of Performance (DoP) documents.



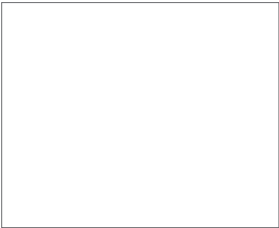
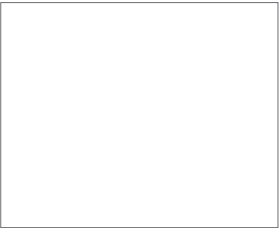
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QUANTITY SPECIFICATION (EXCL. WASTAGE)

		Size, mm	
		1720x300	1720x600
1	Focus D/A for Bandraster	1,94/m²	0,97/m²
2	Bandraster profiles	as required	as required
Δ Min. overall depth of system according to Bandraster supplier			
δ Min. demounting depth: depending on bandraster system			

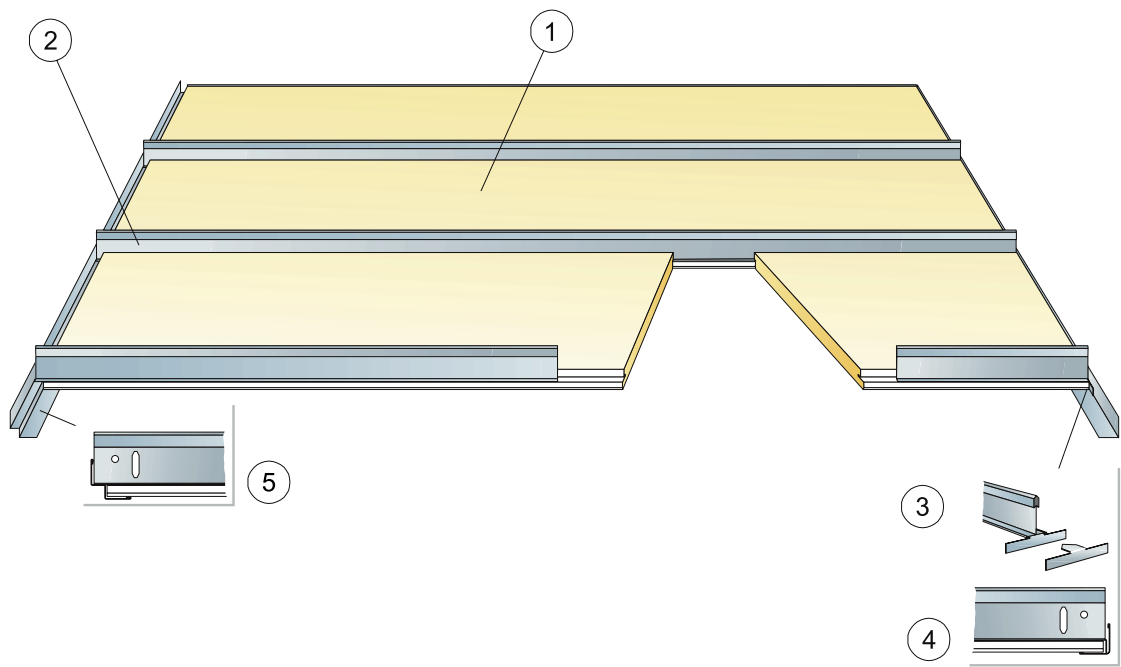


See Quantity specification



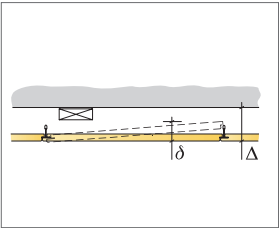
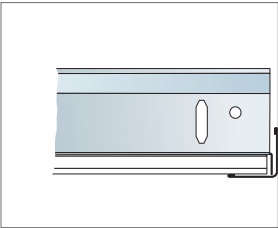
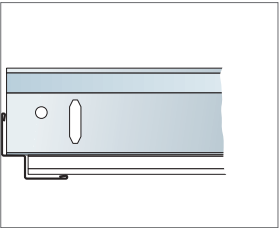
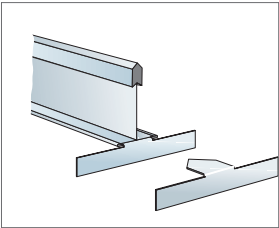
Size, mm	Max live load [N]	Min load bearing capacity [N]
1720x300	-	-
1720x600	-	-

Live load/load bearing capacity



QUANTITY SPECIFICATION (EXCL. WASTAGE)

		Size, mm		
		1720x600	2000x600	2400x600
1	Focus D/A for Bandraster	0,97/m²	0,85/m²	0,7/m²
2	Connect T24 Corridor profile, installed at 600 mm centres		0,85/m²	0,7/m²
3	Connect End fixing plate	1,95/m²	1,7/m²	1,4/m²
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			-	-



See Quantity specification