

# ECOPHON FOCUS™ D/A

Ecophon Focus™ D/A 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.



# Ecophon Focus™ D/A

## 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 Bandraster

## TYPE OF APPLICATION

- Healthcare
- Education
- Office

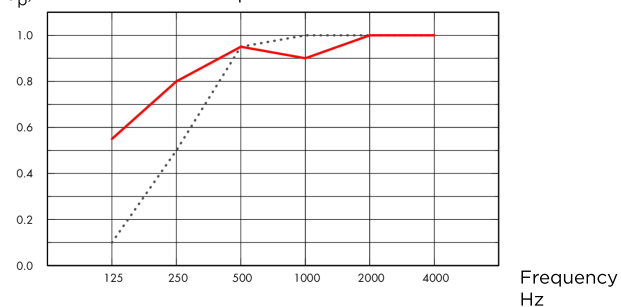


## ACOUSTIC

### 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.
- o.d.s = overall depth of system

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	B
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) 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



## INDOOR AIR QUALITY

Certificate / Label	
Eurofins Indoor Air Comfort®	IAC Gold
French VOC	A+



## CRADLE TO CRADLE CERTIFIED®

This product is Cradle to Cradle Certified® at Bronze level (version 4.0).



## MATERIAL HEALTH

This product has received a C2C Certified Material Health Certificate™ at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate™ is a verification of the health and safety of a product's composition using the Material Health requirements of the Cradle-to-Cradle Certified Product Standard.



## CARBON FOOTPRINT

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

	kg CO <sub>2</sub> equiv/m <sup>2</sup>
Focus DA	4,32



## CIRCULARITY

Minimum post-consumer recycled content	57%
Recyclability	Fully recyclable



## FIRE SAFETY

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

Country	Fire standard	Class
Europe	EN 13501-1	A2-s1,d0



## 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.



## PACKAGING INFORMATION

Information is indicative and subject to change.

	Edge	Panels / crt	m <sup>2</sup> / crt
1720x600x20	D/A	6	6.19
2000x600x20	D/A	6	7.20
2400x600x20	D/A	6	8.64



## SYSTEM WEIGHT

Weight information is indicative and subject to variation.

	kg/m <sup>2</sup>
Focus D/A	1,9
Focus D/A + Connect grid system	2,9



## 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

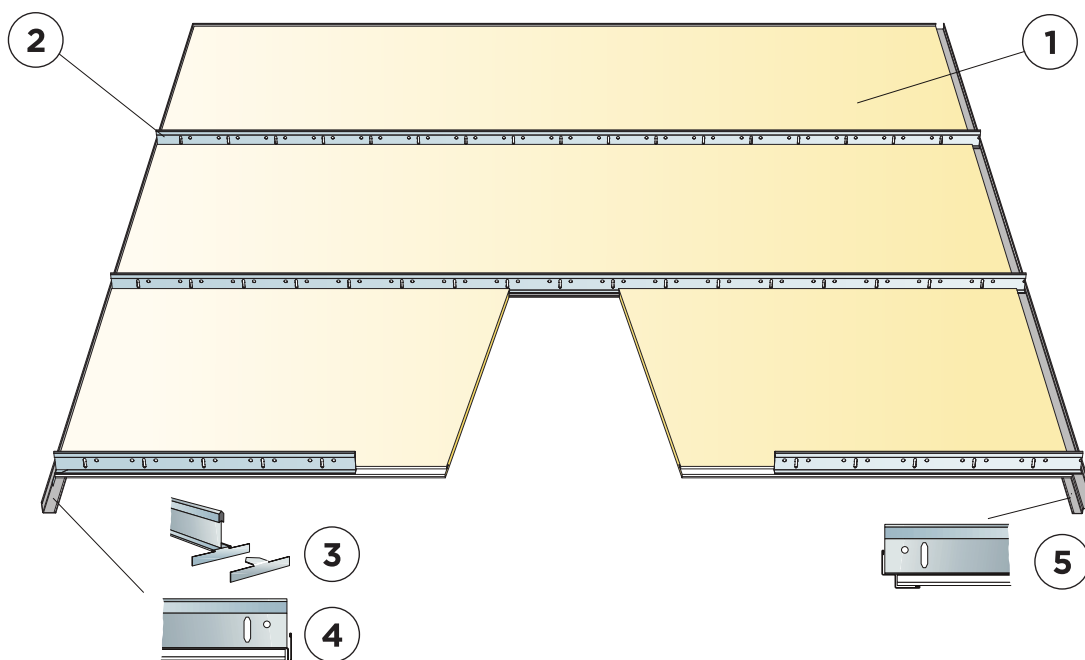
Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.

## COLOURS AND DESIGN

### Akutex™ FT

White Frost	Moonlight sky	Highland fog	Sunset heat	Ocean storm	Morning drizzle	Peach rose
Goji berry	Scallop shells	Fresh clover	Sage garden	Eucalyptus leaf	Summer forest	Golden field
Ruby rock	Wet sand	Silent steam	Dark diamond	Cloudy day	Volcanic ash	Silver stone
Silk slate						

Corridor installation



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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	-	-	-

Size, mm	Max live load (N)	Min load bearing capacity (N)
1720x600x20	20	-
2000x600x20	10	-
2400x600x20	0	-

Live load/load bearing capacity