

# ECOPHON FOCUS™ D/A

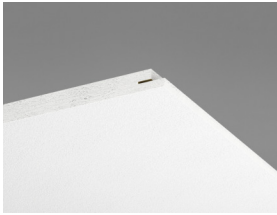
Ecophon Focus™ D/A features an edge D on the long side and edge A on the short side. Each panel is individually demounted. Fulfills the strictest functional and aesthetic demands. Especially developed for corridor and bandraster solutions where long panels are required.



# Ecophon Focus™ D/A

## SYSTEM RANGE

| Size, mm     | XL<br>1720x600 | XL<br>2000x600 | XL<br>2400x600 |
|--------------|----------------|----------------|----------------|
| T24          | •              | •              | •              |
| Thickness    | 20             | 20             | 20             |
| Inst. Diagr. | M17            | M17            | M17            |



Focus D/A tile



## TYPE OF APPLICATION

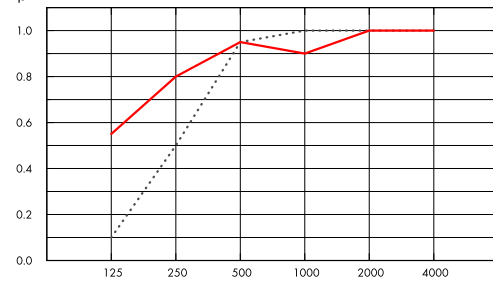
- Healthcare
- Education
- Office

## 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<br>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<br>mm | o.d.s. mm | NRC  | SAA  |
|-----------|-----------|------|------|
| 20        | 60        | 0.90 | 0.89 |
| 20        | 400       | 0.80 | 0.82 |

| THK<br>mm | AC(1.5)<br>Articulation Class, ASTM E1111, ASTM E1110 | $D_{nfw}$<br>Weighted normalized flanking level difference, ISO 10848-2 | CAC dB<br>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.



## 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                 |



## INSTALLATION

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



## PACKAGING INFORMATION

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|             | 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

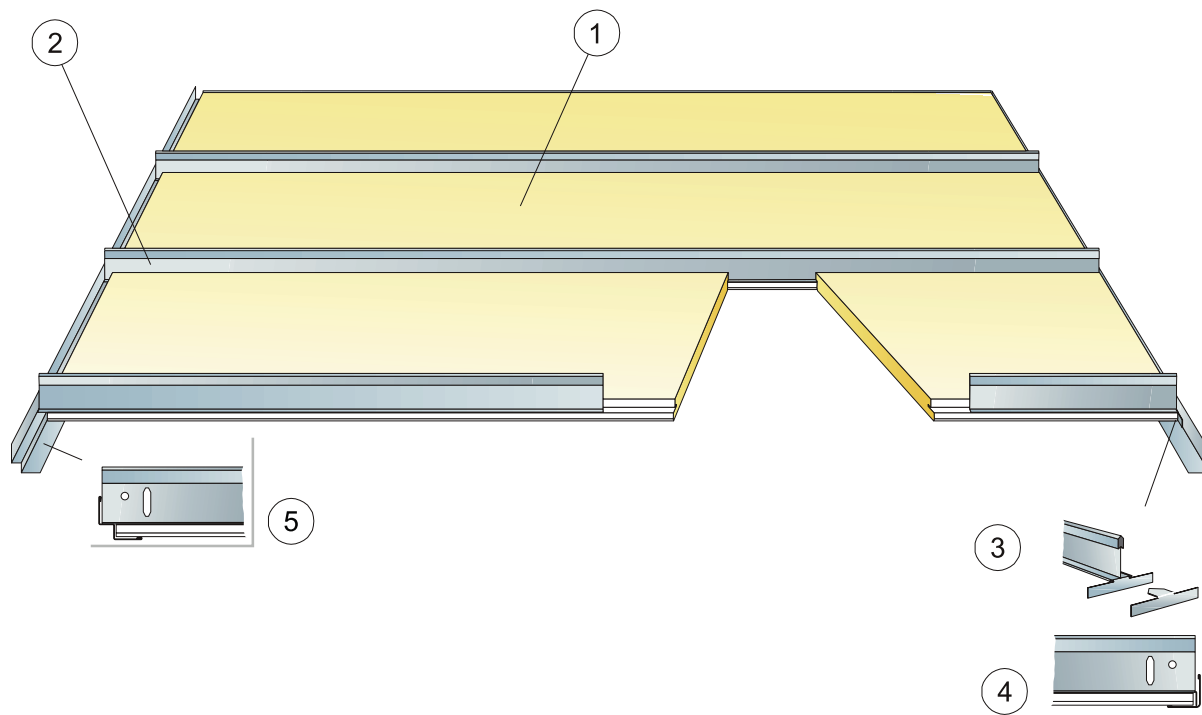
Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.

## 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



Installation diagram (M17) for Focus D/A for bandrastrer 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