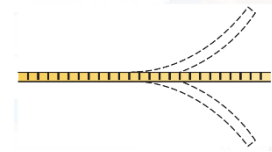


FOCUS FLEXIFORM A

Visual design edge



The Ecophon Focus™ Flexiform A panel is delivered flat and formed on site into concave or convex form (min. radius 200 mm and max. radius 10 m) by means of special profiles. It is ideal for creating surfaces with special curvatures, or if the dimensions of the installations etc. above the suspended ceiling cannot be accommodated by using preformed ceiling elements. The panels are not demountable. The system consists of Ecophon Focus™ Flexiform A panels and Connect™ grid systems. The weight is approximately 3 kg/m², depending on the installation method. The tiles are manufactured from high density glass wool which allow the product to be formed to the required shape. The visible surface has an Akutex™ FT coating and the back of the tile is covered with glass tissue. The edges are natural. For best performance and system quality, use Connect™ grid and accessories. The curved profiles are made of aluminum. Formats available in 1200x600x20 mm and 2400x600x20 mm.

Installation: The system should be installed according to Ecophon installation diagram M31, M31ec and M31ic. Edges of cut perimeter tiles should be coated with Edge Sealant. The panels should be easily removable. The minimum height of demountability should be according to the chosen installation method.

Visual appearance: The closest NCS colour of the white visible surface of the panels and the grids should be S 0500-N. The ceiling surface should have a light reflectance of 85% and gloss level below 1.

Acoustic absorption: The ceiling should be of sound absorption class A, should have a weighted sound absorption coefficient α_w of 0,9 and octave band practical sound absorption coefficients (overall depth of system: 200 mm) of:

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
0.40	0.90	0.95	0.85	0.90	0.80

Values should be measured according to EN ISO 354 and classification according to EN ISO 11654.

Fire safety: The ceiling tiles should be classified A2-s1, d0 according to EN 13501-1; the grid system should be A1. The glass wool core should be tested and classified as non-combustible according to EN ISO 1182.

Mechanical Stability: panels should remain 100% stable in environments reaching up to 95% relative humidity and 30°C temperature. They should be tested according to EN 13964:2014, Annex F.

Indoor Health and Wellbeing: Ceilings panels should comply with the French regulation on VOC emissions, A level. They should also be certified by the Finnish Building Information Group (RTS) with the M1 label. The panels should be free from Substances of Very High Concern (SVHC) above 100 ppm as defined by the European REACH regulation (No 1907/2006).

Circularity: The minimum post-recycled content of ceiling tiles should be 52%. Tiles and grids should be 100% recyclable.

CE marking: The ceiling system should be CE-marked according to the harmonised standard EN 13964:2014 ("Suspended ceilings, requirements and tests methods"), with relevant Declarations of Performance (DoPs) issued.

Maintenance: Daily dusting and vacuum cleaning. Weekly wet wiping.