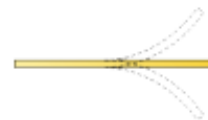


ECOPHON FOCUS™ FLEXIFORM



The Ecophon Focus Flexiform 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.

SYSTEM AND PRODUCT DESCRIPTION

The system consists of Ecophon Focus Flexiform panels and Ecophon Connect grid systems. The weight is approximately 3 kg/m², depending on the installation method. The panels have a special glass wool core which allow the product to be formed to the required shape. The visible surface has an Akutex T coating. The edges are natural. The grid is manufactured from aluminium.

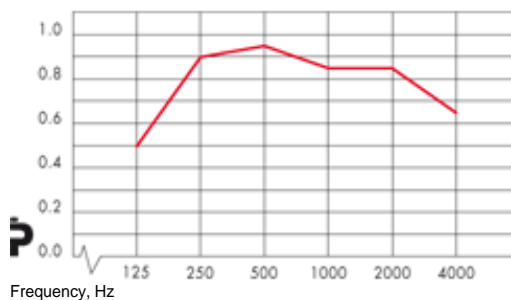
SYSTEM RANGE

Size, mm	1200	1600	2000	2400
	X	X	X	X
	600	600	600	600
T24	•	•	•	•
Thickness	30	30	30	30
	m31ic	m31ic	m31ic	m31ic
Inst. diagr.	m31	m31	m31	m31
	m31ec	m31ec	m31ec	m31ec

ACOUSTICS:

SOUND ABSORPTION: Test results according to EN ISO 354. Classification according to EN ISO 11654, and the single value ratings for NRC and SAA according to ASTM C 423.
SOUND INSULATION: Not applicable.
SOUND PRIVACY: Not applicable.

α_p Practical sound absorption coefficient



Frequency, Hz
 — Ecophon Focus Flexiform 200 mm o.d.s.
 o.d.s = overall depth of system

Product	Focus Flexiform	
O.d.s. mm	400	200
Absorption class	B	
NRC	0.9	
SAA	0.91	



Focus Flexiform panel



Section of Focus Flexiform system with Connect T24



Focus Flexiform system



Detail of Focus Flexiform

CORNER ARRANGEMENTS: Internal and external corners are cut on site during installation. Special corner profiles are available.

ACCESSIBILITY: The panels are not demountable.

CLEANABILITY: Daily dusting and vacuum cleaning. Weekly wet cleaning.

LIGHT EFFICIENCY: White 010, nearest NCS colour sample S 0502-Y, 84% light reflectance (of which more than 99% is diffuse reflection).

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

ENVIRONMENTAL INFLUENCE: Fully recyclable.

FIRE SAFETY: Reaction-to-fire classifications.

Country	Standard	Class
UK	BS 476 Parts 6&7	Class 0
Europe	EN 13501-1	B-s1,d0

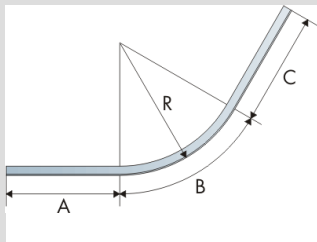
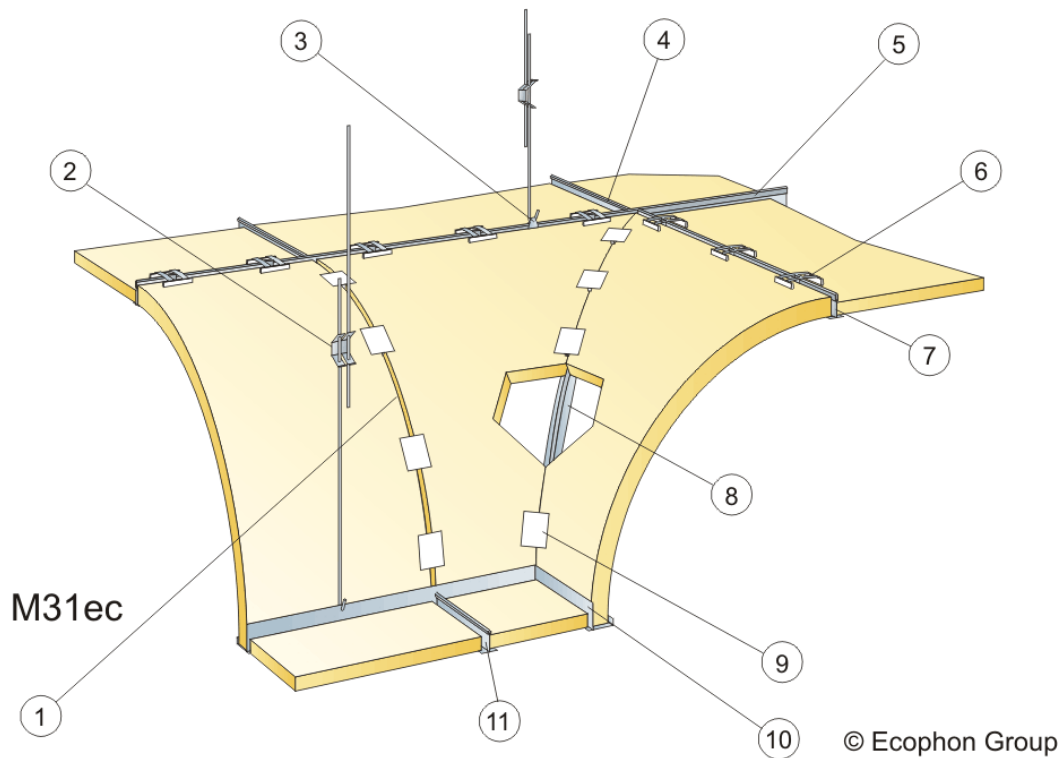
The glass wool core of the panels is tested and classified as non-combustible according to prEN ISO 1182. See Functional demands, Fire safety.

MECHANICAL PROPERTIES: Additional live load has to be secured to the soffit.

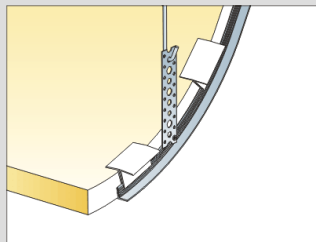
INSTALLATION: Installed according to installation diagram M31. (Please note: Extreme incident light, near windows or other light sources, can create undesired shadow effects on the structured surface on curved installations.)

www.ecophon.com, CADsupport, Product selector, Specification, Maintenance manual

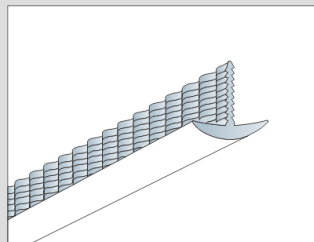
EXTERNAL CORNER (M31EC) FOR FLEXIFORM



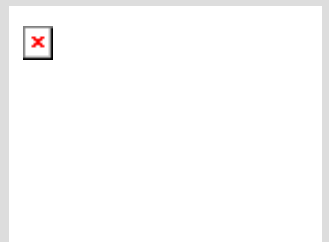
Example with dimensions of Flexiform profile



Suspension with metal strip



Profile for external corner



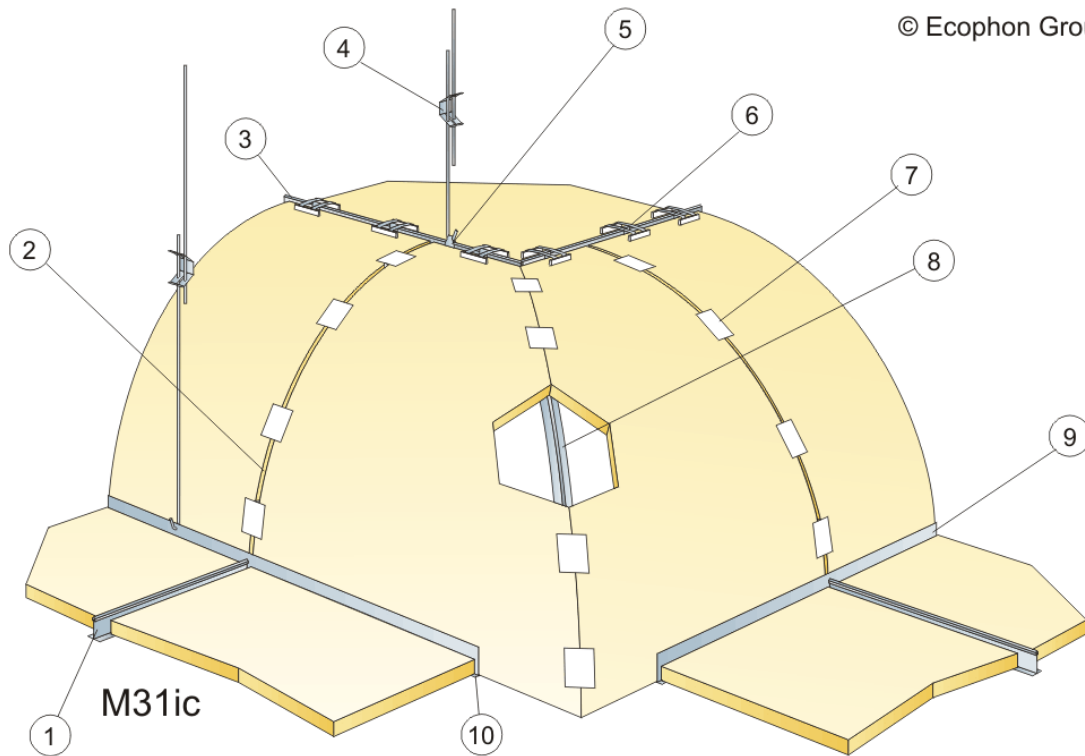
Profile for internal corner (M31ic_det1)

Quantity specification (excl. wastage)

	Size, mm			
	1600x600	2000x600	1200x600	2400x600
Focus Flexiform	as required	as required	as required	as required
1 Connect Flexiform profile, installed at 600 mm centres	as required	as required	as required	as required
2 Connect Adjustable hanger, installed at 1200 mm centres	as required	as required	as required	as required
3 Connect Hanger clip	as required	as required	as required	as required
4 Connect T24 Cross tee	as required	as required	as required	as required
5 Connect T24 Main runner	as required	as required	as required	as required
6 Connect Clip 100/20 0249	as required	as required	as required	as required
7 Connect T24 Main runner	as required	as required	as required	as required
8 Connect Flexible external corner profile 0500	as required	as required	as required	as required
9 Connect Flexiform clip 0013	as required	as required	as required	as required
10 Connect F-trim 0889	as required	as required	as required	as required
11 Connect T24 Cross tee	as required	as required	as required	as required

INTERNAL CORNER (M31IC) FOR FLEXIFORM

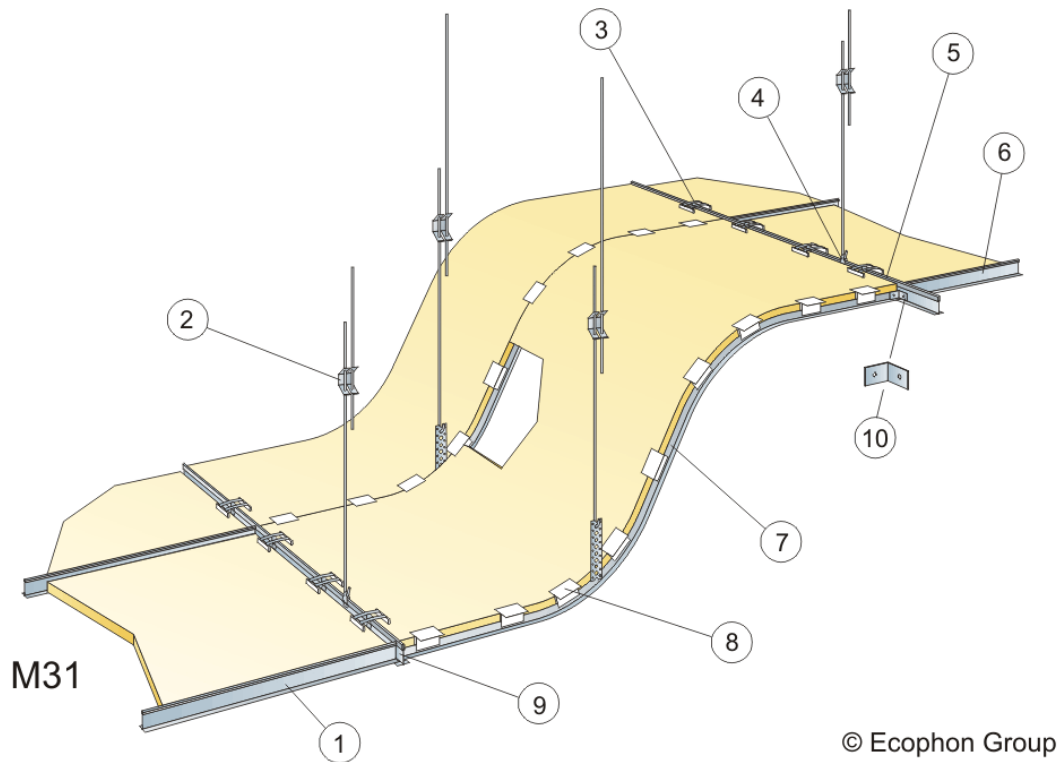
© Ecophon Group



Quantity specification (excl. wastage)

	Size, mm			
	2000x600	1200x600	1600x600	2400x600
Focus Flexiform	as required	as required	as required	as required
1 Connect T24 Cross tee	as required	as required	as required	as required
2 Connect Flexiform profile, installed at 600 mm centres	as required	as required	as required	as required
3 Connect T24 Main runner	as required	as required	as required	as required
4 Connect Adjustable hanger, installed at 1200 mm centres	as required	as required	as required	as required
5 Connect Hanger clip	as required	as required	as required	as required
6 Connect Clip 100/20 0249	as required	as required	as required	as required
7 Connect Flexiform clip 0013	as required	as required	as required	as required
8 Connect Flexible Flexiform profile 0340	as required	as required	as required	as required
9 Connect F-trim 0889	as required	as required	as required	as required
10 Connect F-trim 0889	as required	as required	as required	as required

INSTALLATION DIAGRAM (M31) FOR FLEXIFORM



© Ecophon Group

Quantity specification (excl. wastage)

	Size, mm			
	2000x600	2400x600	1200x600	1600x600
Focus Flexiform	as required	as required	as required	as required
1 Connect T24 Cross tee	as required	as required	as required	as required
2 Connect Adjustable hanger, installed at 1200 mm centres	as required	as required	as required	as required
3 Connect Clip 100/20 0249	as required	as required	as required	as required
4 Connect Hanger clip	as required	as required	as required	as required
5 Connect T24 Main runner	as required	as required	as required	as required
6 Connect T24 Cross tee	as required	as required	as required	as required
7 Connect Flexiform profile/Flexible Flexiform profile 0340, installed at 600 mm centres. Radius of curve (concave or convex) min 200 mm. Length of profile: max 2400 mm. When Flexiform profiles are longer than 1 m, intermediate suspension are required.	as required	as required	as required	as required
8 Connect Flexiform clip 0013, fixed at 100-300 mm depending on the radius of curve	as required	as required	as required	as required
9 Connect T24 Main runner	as required	as required	as required	as required

Copyright © 2002-2006 Ecophon Group. All rights reserved.