

Ecophon Solo™ Circle XL

Ecophon Solo™ Circle XL is an acoustic solution, primarily when it is not possible to install a wall-to-wall ceiling. Solo™ Circle XL is suitable in buildings where the room volume could be maintained or as an option when TABS (Thermally Activated Building System) is selected as cooling system.

Solo™ Circle XL is an unframed free hanging unit. The unit is suspended with Adjustable wire hangers which are attached to Connect™ Main runners. This, in combination with, the engineered Connect™ Absorber anchor (patent) give opportunities to create several layers.

The Solo™ Circle XL panel consists of two semicircles. The complete panel is available in size Ø1600x40 mm with a

weight of 8 kg. The panel is manufactured from high density glass wool, with Akutex™ FT surface on both sides. The edges are straight cut and painted.



YOO Communications AG, St Gallen, Switzerland

SYSTEM RANGE



Size, mm	XL Ø1600
Special Fixing	•
Thickness (THK)	40
Inst. Diag.	M290



Solo Circle XL



Solo Circle XL panel



Rear side of Solo Circle XL



Solo Circle XL installation with Connect Absorber anchor



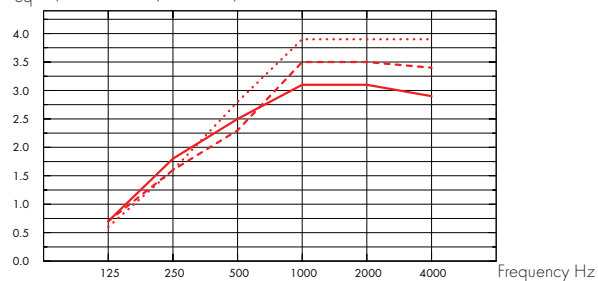
Acoustic

The values in the diagram refer to a single unit. If the units are arranged in a cluster with distances between units less than 0,5 meters, the Aeq per unit will be slightly reduced.

Sound Absorption:

Test results according to EN ISO 354.

A_{eq}, Equivalent absorption area per unit (m² sabin)



- Solo Circle XL, 200 mm o.d.s.
 - - - Solo Circle XL, 400 mm o.d.s.
 - ... Solo Circle XL, 1000 mm o.d.s.
- o.d.s = overall depth of system

THK mm	o.d.s. mm	A _{eq} , Equivalent absorption area per unit (m ² sabin)					
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
40	200	0.70	1.80	2.50	3.10	3.10	2.90
40	400	0.70	1.60	2.30	3.50	3.50	3.40
40	1000	0.60	1.60	2.80	3.90	3.90	3.90



Indoor Air Quality

Certificate / Label

Finnish M1

French VOC, A+



Circularity

Fully recyclable.



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.



Humidity Resistance

Class A, relative humidity 70% and 25°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 demountable.



Installation

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification.



Mechanical properties

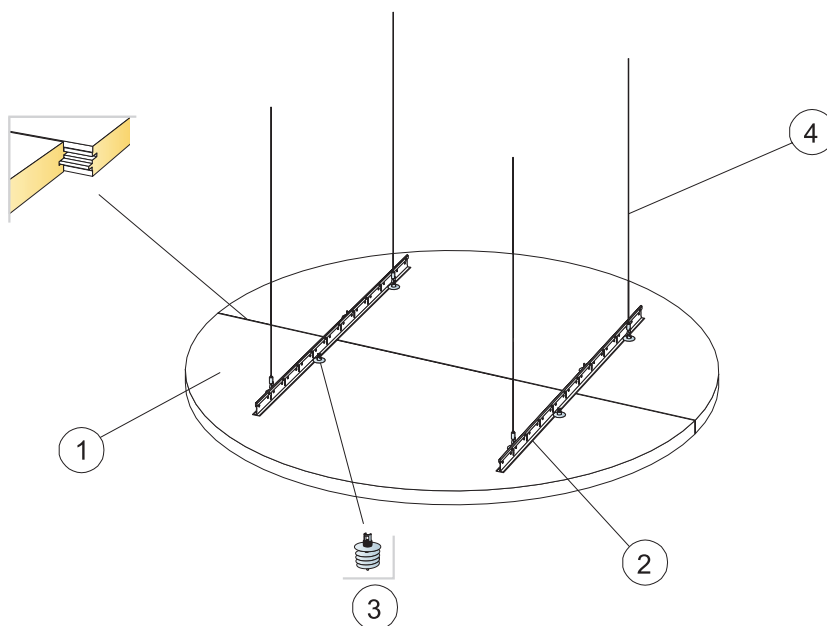
No additional live load is allowed.



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.

INSTALLATION DIAGRAM (M290) FOR ECOPHON SOLO CIRCLE XL

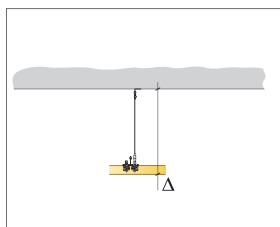


© Ecophon Group

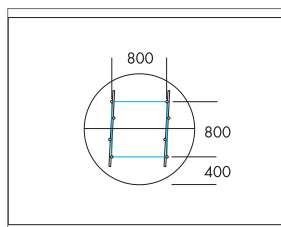
QUANTITY SPECIFICATION (EXCL. WASTAGE)

		Size, mm
		Ø1600
1	Solo Circle XL	2,01 m ² /panel
2	Connect T24 Main runner	0,60/panel
3	Connect Absorber anchor	8/panel
4	Connect Adjustable wire hanger	4/panel
Δ Min. overall depth of system: Δ 190 mm		-

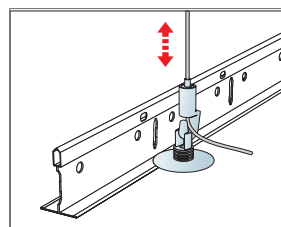
To install Connect Absorber Anchor, use Connect Absorber Anchor Bit.



See Quantity specification



Suspension with Connect Adjustable wire hangers and Connect T24 Main runner



Easily adjustable suspension with Connect Adjustable wire hanger

Size, mm	Max live load [N]	Min load bearing capacity [N]
Live load/load bearing capacity		