Ecophon Solo™ Circle XL

Solo Circle XL is a large free hanging unit with two semicircles, offering a high degree of design possibilities. For applications when it is not possible to install a wall-to-wall ceiling
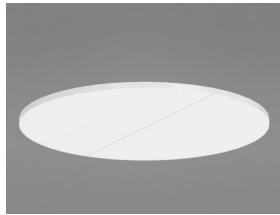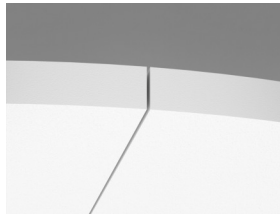

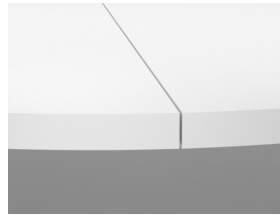YJOO Communications AG, St.Gallen, Switzerland

SYSTEM RANGE

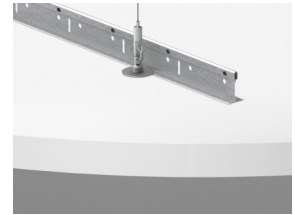| Size, mm	XL Ø1600
Special Fixing	•
Thickness	40
Inst. Diagr.	M290

Solo Circle XL

Solo Circle XL tile

Rear side of Solo Circle XL

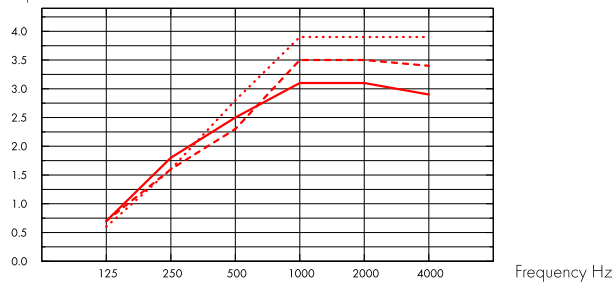Solo Circle XL installation with Connect Absorber anchor

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 (m² sabin)					
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
40	200	0.7	1.8	2.5	3.1	3.1	2.9
40	400	0.7	1.6	2.3	3.5	3.5	3.4
40	1000	0.6	1.6	2.8	3.9	3.9	3.9

Indoor Air Quality

Certificate / Label	All Products
Eurofins Indoor Air Comfort®	IAC Gold
French VOC	A+
Finnish M1	•

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

	kg CO_2 equiv/m²
Solo Circle	10,35
Solo Circle/Plant	5,21

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

Circularity

Minimum post-consumer recycled content	57%
Recyclability	Fully recyclable

Fire safety

Country	Fire 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

Product	Classification
Standard	Class C, RH 95% and 30°C
Plant	Class A, RH 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.

System weight

	kg/m²
Solo Circle XL	4,8

Weight information is indicative and subject to variation.

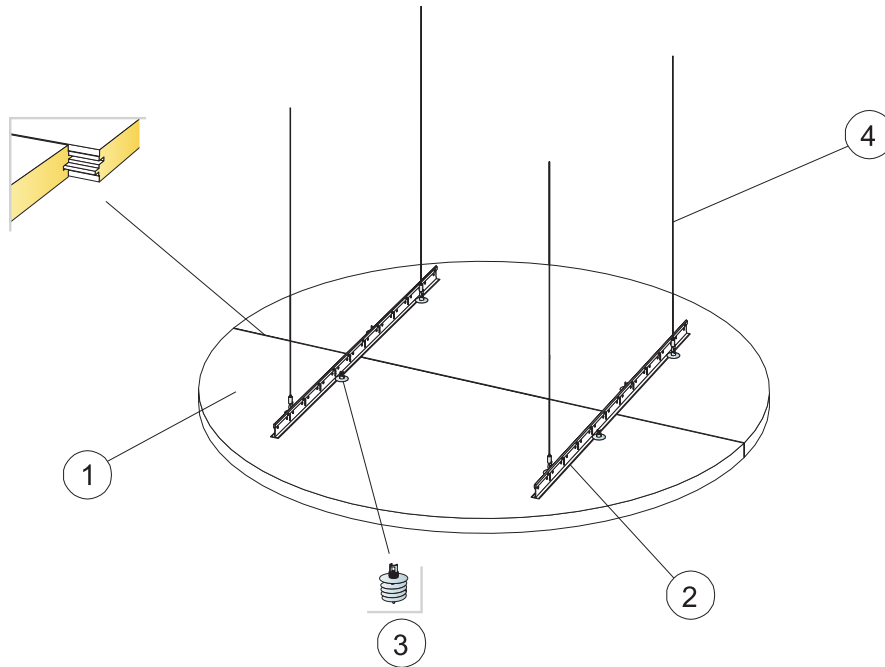## Mechanical properties

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.
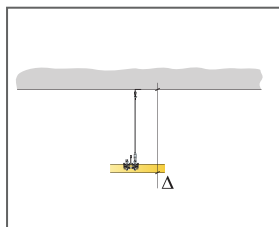
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QUANTITY SPECIFICATION (EXCL. WASTAGE)

|		Size, mm
		Ø1600
1	Solo Circle XL	2,01m²/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 200 mm	-
	To install Connect Absorber Anchor, use Connect Absorber Anchor Bit.	-

See Quantity specification
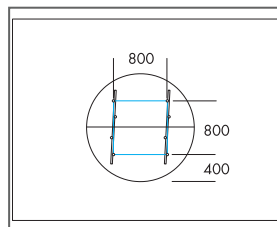
Suspension with Connect Adjustable wire hangers and Connect T24 Main runner
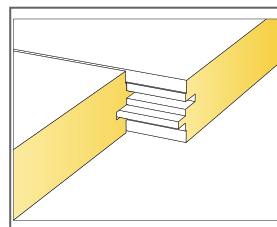
Meeting between panels
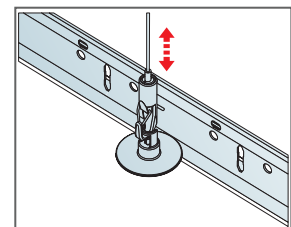
Easily adjustable suspension with Connect Adjustable wire hanger