

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

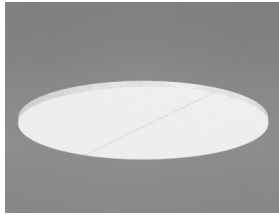


Y100 Communications AG, St. Gallen, Switzerland

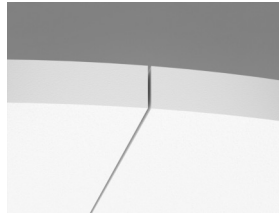
SYSTEM RANGE



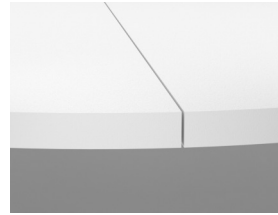
| | |
|--------------|-------------|
| Size, mm | XL 1600x |
| Special | • |
| Thickness | 40 |
| Inst. Diagr. | M290 |



Solo Circle XL



Solo Circle XL tile



Rear side of Solo Circle XL



Solo Circle XL installation with Connect Absorber anchor



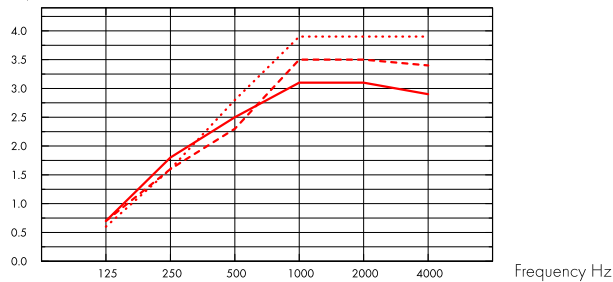
Acoustic

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.

| 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 | 0.7 | 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 | Standard | Plant |
|------------------------------|----------|----------|
| Eurofins Indoor Air Comfort® | IAC | IAC Gold |
| French VOC | A | A+ |
| Finnish M1 | • | • |



Environmental Footprint

| | Kg CO ₂ equiv/m ² |
|-------------------|---|
| Solo Circle | 10,35 (Solo Family EPD in conformity with ISO 14025 / EN 15804) |
| Solo Circle/Plant | 5,21 (Solo Circle /Plant EPD in conformity with ISO 14025 / EN 15804) |



Environmental Footprint

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Circularity

| | |
|--|------------------|
| Minimum post-consumer recycled content | 57% |
| Recyclability | 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

| | | |
|----------|----------------------------|--|
| Product | According to EN 13964:2014 | |
| Standard | Class C, RH 95% and 30°C | |
| Plant | Class A, RH 70% and 25°C | |



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

Approximately 8 kg.



Mechanical properties

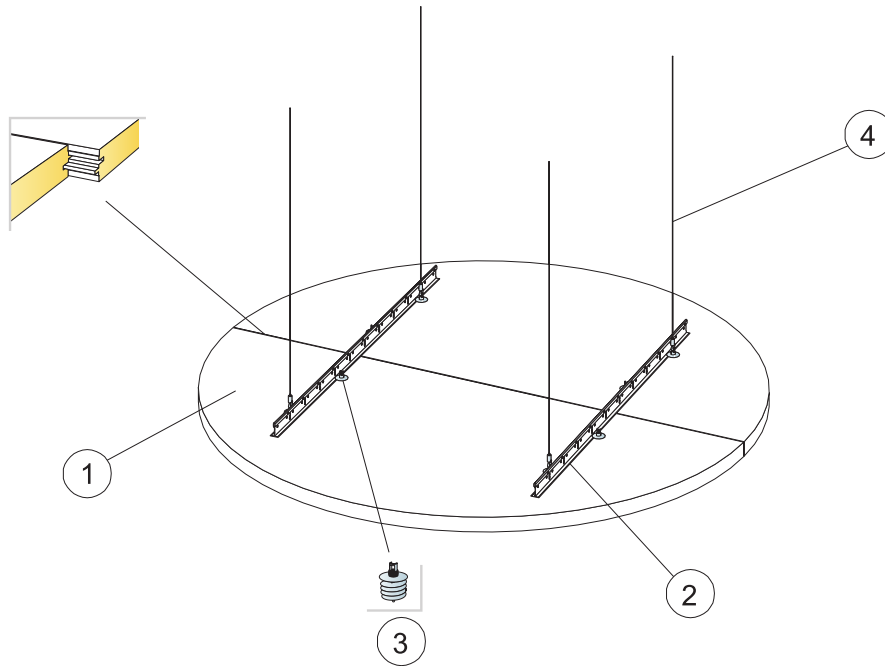
No additional live load is allowed.



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.

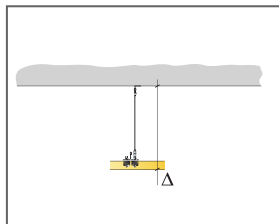
INSTALLATION DIAGRAM (M290) FOR ECOPHON SOLO CIRCLE XL



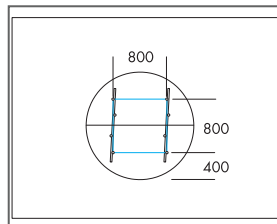
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QUANTITY SPECIFICATION (EXCL. WASTAGE)

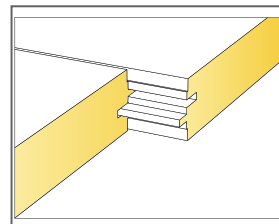
| | | Size, mm |
|--|--------------------------------|---------------------------|
| | | 1600x |
| 1 | Solo Circle XL | 2,01m ² /panel |
| 2 | Connect T24 Main runner | 0,60/panel |
| 3 | Connect Absorber anchor | 8/panel |
| 4 | Connect Adjustable wire hanger | 4/panel |
| Δ Min. overall depth of system: Δ 200 mm | | - |
| To install Connect Absorber Anchor, use Connect Absorber Anchor Bit. | | - |



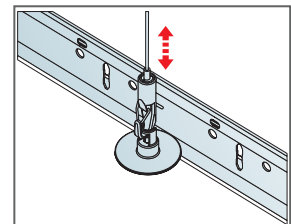
See Quantity specification



Suspension with Connect Adjustable wire hangers and Connect T24 Main runner



Meeting between panels



Easily adjustable suspension with Connect Adjustable wire hanger