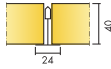# Ecophon Akusto™ Wall A

Ecophon Akusto™ Wall A has an exposed profile system with a variety of surface options. This wall absorber pairs with a sound absorbing ceiling to achieve excellent acoustic properties in the room.
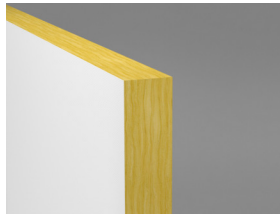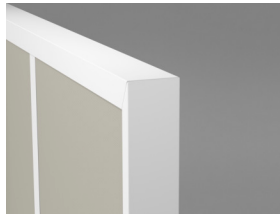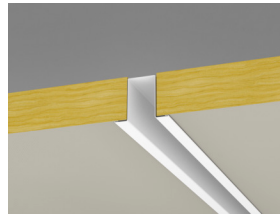


P20 Office & Business, , Poland

**SYSTEM RANGE**

| Size, mm | |
|---|---|
| | 2700x1200 |
| Channel trim | • |
| Thinline Profile | • |
| Thickness (THK) | 40 |
| Inst. Diagr. | M353, M504, M593, M595 |

---

Akusto Wall A



Akusto Wall A system with Connect Channel trim and Connect T24 Main runner



Akusto Wall A system with Connect Channel trim and Connect Recessed profile
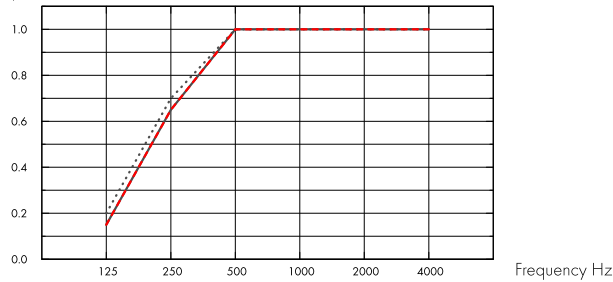


Akusto Wall system with Connect Thinline profiles

## Acoustic

### Sound Absorption:

Test results according to EN ISO 354. Classification according to EN ISO 11654, and the single value ratings for Noise Reduction Coefficient, NRC and Sound Absorption Average, SAA according to ASTM C 423.



$\alpha_p$, Practical sound absorption coefficient

···· Akusto Wall A Akutex FT 40 mm, 43 mm o.d.s.

— Akusto Wall A Texona 40 mm, 43 mm o.d.s.

--- Akusto Wall A Super G 40 mm, 43 mm o.d.s.

o.d.s = overall depth of system

| | THK mm | o.d.s. mm | $\alpha_p$, Practical sound absorption coefficient | | | | | | $\alpha_w$ | Sound absorption class |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | | |
| Akutex FT | 40 | 43 | 0.20 | 0.70 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | A |
| Texona | 40 | 43 | 0.15 | 0.65 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | A |
| Super G | 40 | 43 | 0.15 | 0.65 | 1.00 | 1.00 | 1.00 | 1.00 | 0.95 | A |

| THK mm | AC(1.5) Articulation Class, ASTM E1111, ASTM E1110 |
|---|---|
| 40 | 230 |

## Indoor Air Quality

| Certificate / Label | |
|---|---|
| Eurofins Indoor Air Comfort® | IAC Gold |
| French VOC | A+ |



## Cradle to Cradle Certified®



Akusto products with Akutex FT surface are Cradle to Cradle Certified® at Bronze level (version 4.0).

## Material Health

Akusto products with Akutex FT surface have 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 | |
| --- | --- |
| Akusto Wall A - Texona | 4,74 (Akusto Wall A EPD in conformity with ISO 14025 / EN 15804) |
| Akusto Wall A - Akutex FT | 3,96 (Akusto Wall A EPD in conformity with ISO 14025 / EN 15804) |
| Akusto Wall A - Super G | 6,21 (Akusto Wall A EPD in conformity with ISO 14025 / EN 15804) |

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

## Circularity

| | |
| --- | --- |
| Minimum post-consumer recycled content | 53% |
| 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

Class C, relative humidity 95% and 30°C, according to EN 13964:2014

## Visual appearance

Akusto Wall in white has high light reflectance. Light reflectance and nearest NCS colour sample for all the different colours: See Ecophon Colours and surfaces.

## Cleanability

Daily dusting, vacuum cleaning and weekly wet wiping (Super G and Akutex FT surfaces). Weekly dusting and vacuum cleaning (Texona surface).

## Use of disinfectants

Texona Ginger, Sea salt, Thyme, Oyster and Garlic withstand the frequent use of ethanol (70%)-based disinfectants. Dampen a soft polyester microfiber cloth with the solution and wipe the surface in gentle circular movements.

## Accessibility

The tiles are not demountable except in selected installation diagrams. See quantity specification for more information.

## Installation

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification. The systems should not be placed behind goals or similar areas where they frequently will be hit by hard ball shots. In such cases a protective net in front of the system is recommended.

## System weight

|  | kg/m² |
|---|---|
| Akusto Wall A/Akutex FT | 2,5 |
| Akusto Wall A/Texona | 2,5 |
| Akusto Wall A/Super G | 2,7 |

Weight information is indicative and subject to variation.

## Mechanical properties

No additional live load is allowed.

## Impact Resistance

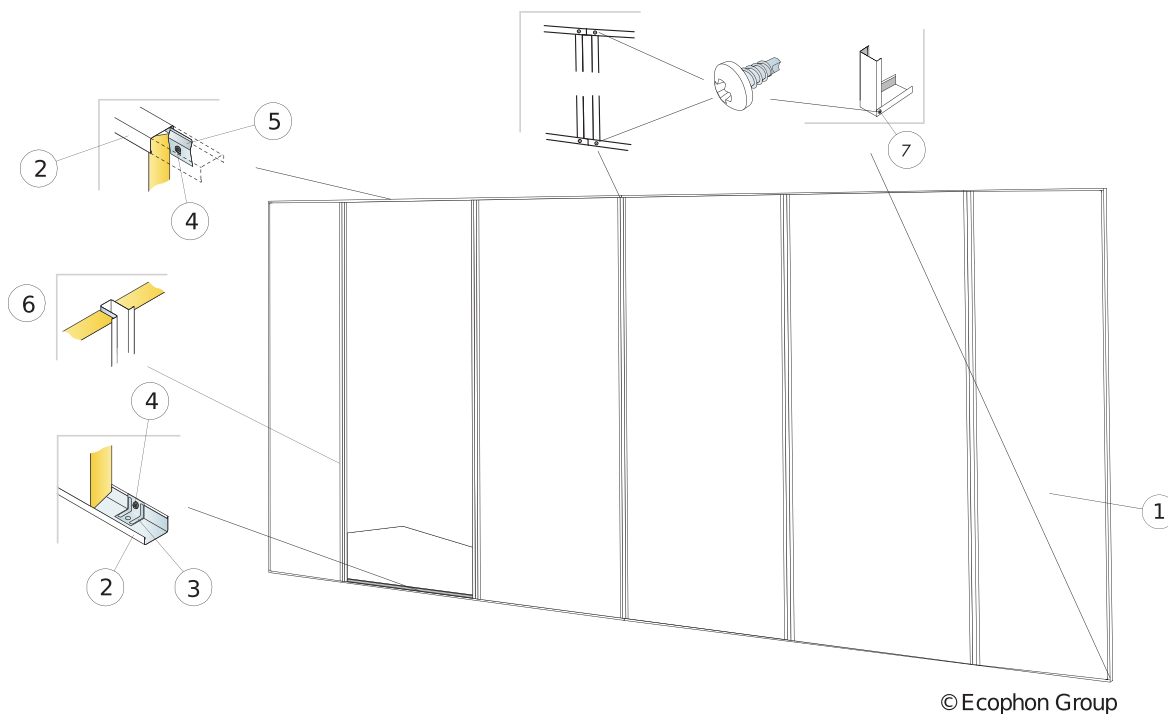| Surface | M-sketch | Classification |
|---|---|---|
| Super G | M353 | Fulfills |

Tested and classified to fulfil the requirements of DIN 18032-3, equivalent to 1A according to EN13964. Texona surface has moderate impact resistance. Please note: Where the panels are subjected to frequent blows and impacts e.g. behind goal mouths, protection in form of e.g restraining nets or wooden slats is required.

## 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.

© Ecophon Group

## QUANTITY SPECIFICATION (EXCL. WASTAGE)

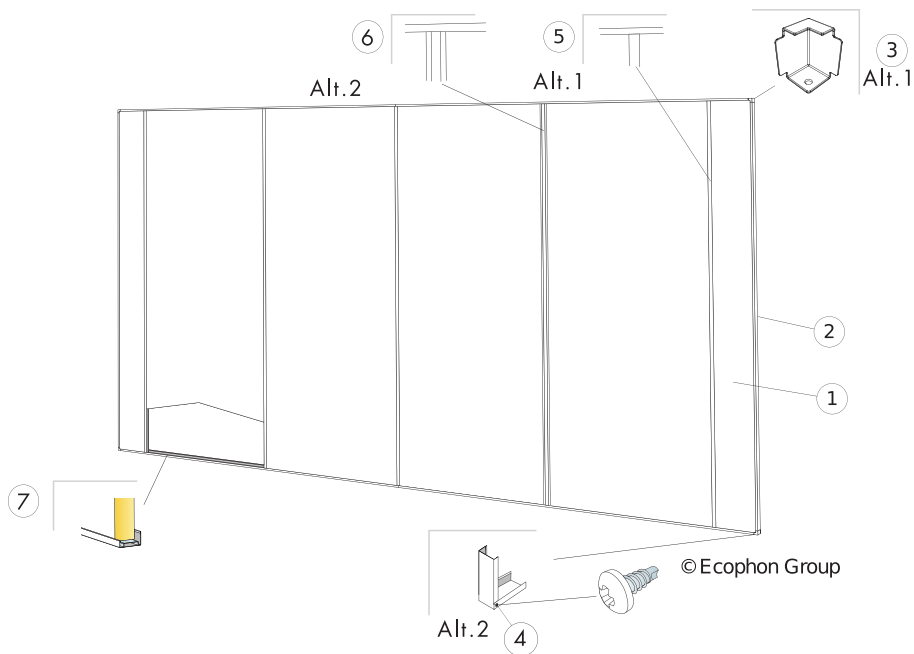| | Size, mm |
|---|---|
| | **2700x1200** |
| 1  Ecophon Akusto Wall A/Super G | 0,31/m² |
| 2  Connect Channel trim, fixed at 300 mm centres. Connect Direct fixing plate is placed inside at each fixing point if the panel is not supported by the floor. | as required |
| 3  Connect Direct fixing plate | as required |
| 4  Connect Installation screw MVL (for use in plasterboard or timber) | as required |
| 5  Connect Fixing bracket, fixed at 400 mm centres. | as required |
| 6  Connect Recessed profile plus | as required |
| 7  Connect Installation screw BR | as required |
| Δ Min. overall depth of system: 44 mm | - |
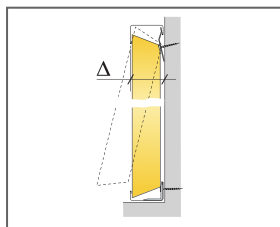
See Quantity specification
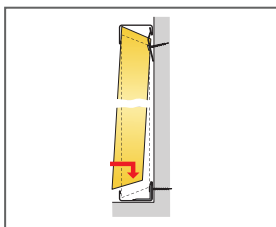
Detail of installation
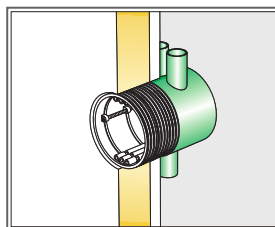
Accesories for adjusting electrical installations are available in electricity retail stores

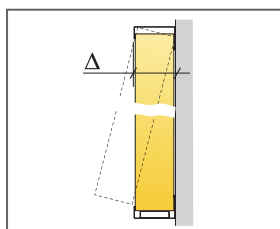| Size, mm | Max live load (N) | Min load bearing capacity (N) |
|---|---|---|
| 2700x1200x40 | 0 | - |

Live load/load bearing capacity

INSTALLATION DIAGRAM (M504) FOR ECOPHON AKUSTO WALL A

6  Alt.2  5  Alt.1  3  Alt.1

2

1

7

© Ecophon Group

Alt.2  4

## QUANTITY SPECIFICATION (EXCL. WASTAGE)

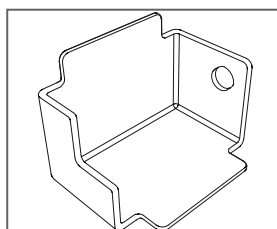|  | Size, mm |
| --- | --- |
|  | **2700x1200** |
| 1  Ecophon Akusto Wall A | 0,31/m² |
| 2  Connect Channel trim, fixed at 300 mm centres. Connect Direct fixing plate is placed inside at each fixing point if the panel is not supported by the floor. | as required |
| 3  Alt. 1 Connect Channel trim corner | as required |
| 4  Alt. 2 Connect Installation screw BR | as required |
| 5  Alt. 1 Connect T24 Main runner, (Installation: kept in position with the Channel trims) | as required |
| 6  Alt.1 Connect Recessed profile, (Installation: kept in position with the Channel trims) | as required |
| 7  Connect WP Space bar, L=2400 mm | as required |
| Δ Min. overall depth of system: 44 mm | - |
| Connect Installation screw MVL (for use in plasterboard or timber) | as required |

Δ

See Quantity specification
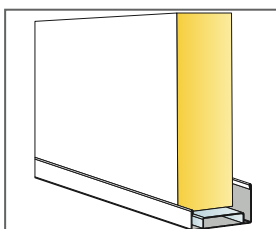
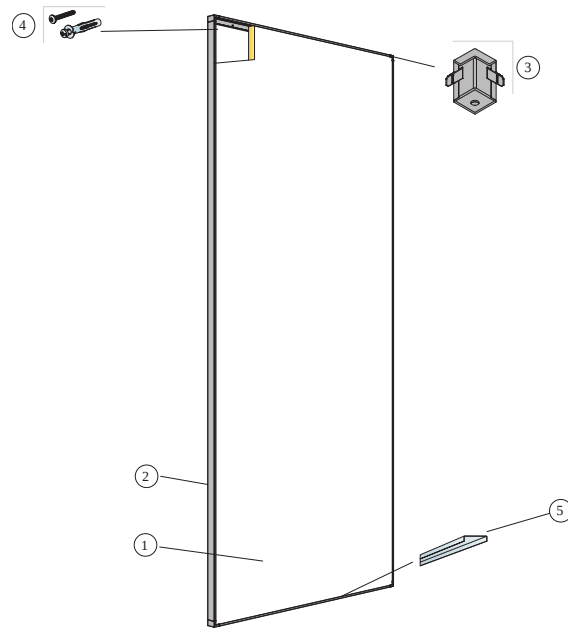Installation with Channel trim and WP Space bar

Connect Channel trim corner for 44mm profile

| Size, mm | Max live load (N) | Min load bearing capacity (N) |
| --- | --- | --- |
| 2700x1200x40 | - | - |

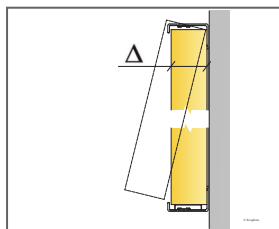Live load/load bearing capacity

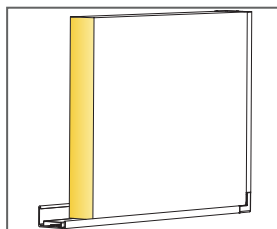INSTALLATION DIAGRAM (M593) FOR ECOPHON AKUSTO WALL A VERTICAL INSTALLATION WITH CONNECT THINLINE PROFILES.



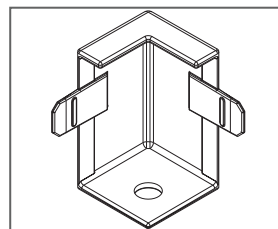© Ecophon

## QUANTITY SPECIFICATION (EXCL. WASTAGE)

| | | Size, mm |
|---|---|---|
| | | **2700x1200** |
| 1 | Ecophon Akusto Wall A | 0,31/m² |
| 2 | Connect Thinline Profile, L=2658 mm | as required |
| 3 | Connect Thinline Corner | as required |
| 4 | Installation screw, installed at 400 mm centres (select fastener according to wall material) | as required |
| 5 | Connect Thinline Space Bar | as required |
| Δ | Overall depth of system: 45 mm | - |



See Quantity specification
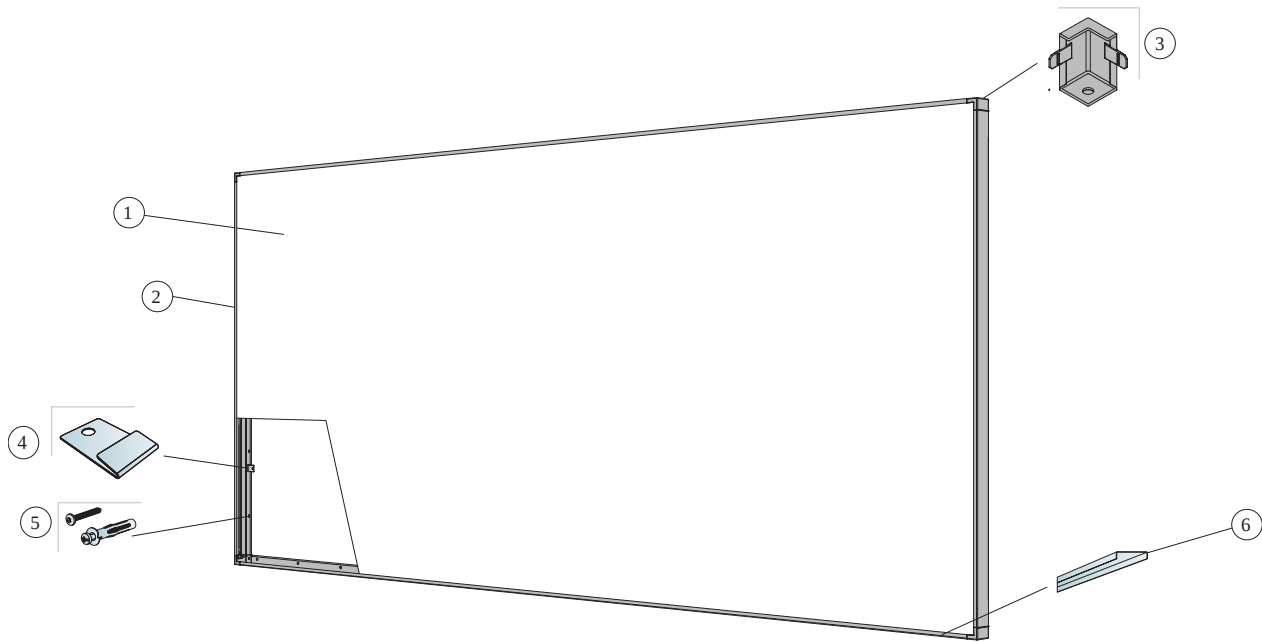


Detail of panel with Thinline system



Detail of Thinline corner

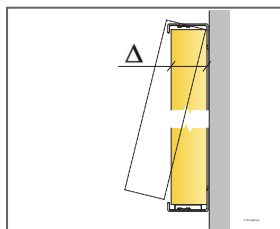| Size, mm | Max live load (N) | Min load bearing capacity (N) |
|---|---|---|
| 2700x1200x40 | - | - |

Live load/load bearing capacity

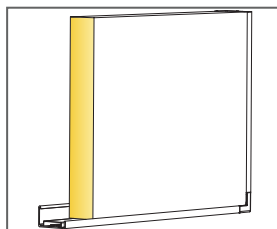INSTALLATION DIAGRAM (M595) FOR ECOPHON AKUSTO WALL A HORIZONTAL INSTALLATION WITH CONNECT THINLINE PROFILES.

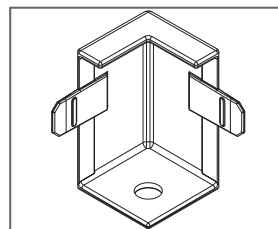© Ecophon

## QUANTITY SPECIFICATION (EXCL. WASTAGE)

|  |  | Size, mm |
|---|---|---|
|  |  | **2700x1200** |
| 1 | Ecophon Akusto Wall A | 0,31/m² |
| 2 | Connect Thinline Profile, L=2658 mm | as required |
| 3 | Connect Thinline Corner | as required |
| 4 | Connect Thinline Locking Clip | as required |
| 5 | Installation screw, installed at 400 mm centres (select fastener according to wall material) | as required |
| 6 | Connect Thinline Space Bar | as required |
| | Δ Overall depth of system: 45 mm | - |

| Size, mm | Max live load (N) | Min load bearing capacity (N) |
|---|---|---|
| 2700x1200x40 | - | - |

See Quantity specification

Detail of panel with Thinline system

Detail of Thinline corner
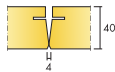
Live load/load bearing capacity

# Ecophon Akusto™ Wall C

Ecophon Akusto™ Wall C has a concealed grid and bevelled edge to create a narrow groove between each panel. Available in a variety of surface options. Excellent room acoustic properties are achieved when this wall absorber is paired with a sound absorbing ceiling.
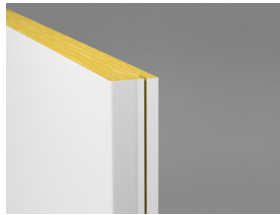


Family image., Sweden

## SYSTEM RANGE

| Size, mm | |
|---|---|
| | 2700x600 |
| Thinline Profile | • |
| WP Profile | • |
| Thickness (THK) | 40 |
| Inst. Diagr. | M609, M354, M355, M592 |

Akusto Wall C


Section of Akusto Wall C System


Akusto Wall C system with Connect WP profile and external corner


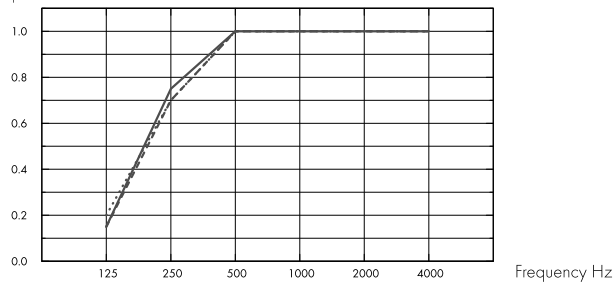Wall Panel C system with Connect WP profile and external corner

## Acoustic

### Sound Absorption:

Test results according to EN ISO 354. Classification according to EN ISO 11654, and the single value ratings for Noise Reduction Coefficient, NRC and Sound Absorption Average, SAA according to ASTM C 423.

$\alpha_p$, Practical sound absorption coefficient



···· Akusto Wall C Akutex FT 40 mm, 45 mm o.d.s.

— Akusto Wall C Texona 40 mm, 45 mm o.d.s.

--- Akusto Wall C Super G 40 mm, 45 mm o.d.s.

o.d.s = overall depth of system

| | THK mm | o.d.s. mm | $\alpha_p$, Practical sound absorption coefficient | | | | | | $\alpha_w$ | Sound absorption class |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | | |
| Akutex FT | 40 | 45 | 0.20 | 0.70 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | A |
| Texona | 40 | 45 | 0.15 | 0.75 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | A |
| Super G | 40 | 45 | 0.15 | 0.70 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | A |

| | THK mm | o.d.s. mm | NRC | SAA |
|---|---|---|---|---|
| Texona | 40 | 45 | 0.95 | 0.96 |
| Super G | 40 | 45 | 0.95 | 0.96 |

| THK mm | AC(1.5) Articulation Class, ASTM E1111, ASTM E1110 |
|---|---|
| 40 | 240 |

### Indoor Air Quality

| Certificate / Label | |
|---|---|
| Eurofins Indoor Air Comfort® | IAC Gold |
| French VOC | A+ |

## Cradle to Cradle Certified®

Akusto products with Akutex FT surface are Cradle to Cradle Certified® at Bronze level (version 4.0).

## Material Health

Akusto products with Akutex FT surface have 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 | | Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804 |
|---|---|---|
| Akusto Wall C - Texona | 6,18 (Akusto Wall C EPD in conformity with ISO 14025 / EN 15804) | |
| Akusto Wall C - Akutex FT | 6,42 (Akusto Wall C EPD in conformity with ISO 14025 / EN 15804) | |
| Akusto Wall C - Super G | 7,28 (Akusto Wall C EPD in conformity with ISO 14025 / EN 15804) | |

## Circularity

| Minimum post-consumer recycled content | 60% |
|---|---|
| Recyclability | Fully recyclable |

## Fire safety

| Country | Fire standard | Class | The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182. |
|---|---|---|---|
| Europe | EN 13501-1 | A2-s1,d0 | |

## Humidity Resistance

Class C, relative humidity 95% and 30°C, according to EN 13964:2014

## Visual appearance

Akusto Wall in white has high light reflectance. Light reflectance and nearest NCS colour sample for all the different colours: See Ecophon Colours and surfaces.

## Cleanability

Daily dusting, vacuum cleaning and weekly wet wiping (Super G and Akutex FT surfaces). Weekly dusting and vacuum cleaning (Texona surface).

## Use of disinfectants

Texona Ginger, Sea salt, Thyme, Oyster and Garlic withstand the frequent use of ethanol (70%)-based disinfectants. Dampen a soft polyester microfiber cloth with the solution and wipe the surface in gentle circular movements.

## Accessibility

The tiles are not demountable except in selected installation diagrams. See quantity specification for more information.

## Installation

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification. The systems should not be placed behind goals or similar areas where they frequently will be hit by hard ball shots. In such cases a protective net in front of the system is recommended.

## System weight

| | kg/m² |
|---|---|
| Akusto Wall C/Akutex FT | 3,5 |
| Akusto Wall C/Texona | 3,5 |
| Akusto Wall C/Super G | 3,7 |

Weight information is indicative and subject to variation.

## Mechanical properties

No additional live load is allowed.

## Impact Resistance

| Surface | M-sketch | Classification |
|---|---|---|
| Super G | M354 | Fulfills |

Tested and classified to fulfil the requirements of DIN 18032-3, equivalent to 1A according to EN13964.

## 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.
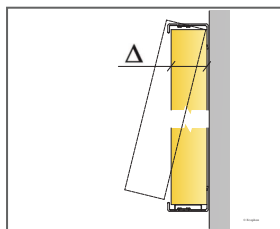
## INSTALLATION DIAGRAM (M609) FOR ECOPHON AKUSTO WALL C VERTICAL INSTALLATION WITH CONNECT THINLINE PROFILES.
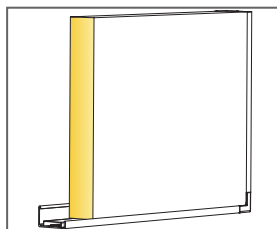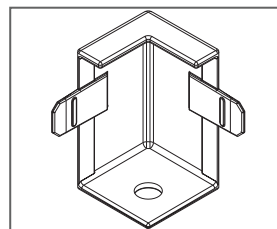
© Ecophon

## QUANTITY SPECIFICATION (EXCL. WASTAGE)

| | | Size, mm |
|---|---|---|
| | | **2700x600** |
| 1 | Akusto Wall C | 0,62/m² |
| 2 | Connect Thinline Profile, L=2658 mm | as required |
| 3 | Connect Thinline Corner | as required |
| 4 | Connect Fixing Plate installed 3 per panel lenght | as required |
| 5 | Connect Spline | as required |
| 6 | Installation screw, installed at 400 mm centres (select fastener according to wall material) | as required |
| 7 | Connect Thinline Splice. used to extend Thinline profiles where needed. | as required |
| 8 | Connect Thinline Space Bar | as required |
| | Δ Overall depth of system: 45 mm | - |

| Size, mm | Max live load (N) | Min load bearing capacity (N) |
|---|---|---|
| 2700x600x40 | 0 | - |

See Quantity specification

Detail of panel with Thinline system

Detail of Thinline corner

Live load/load bearing capacity

© Ecophon Group

## QUANTITY SPECIFICATION (EXCL. WASTAGE)
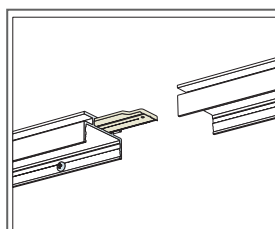
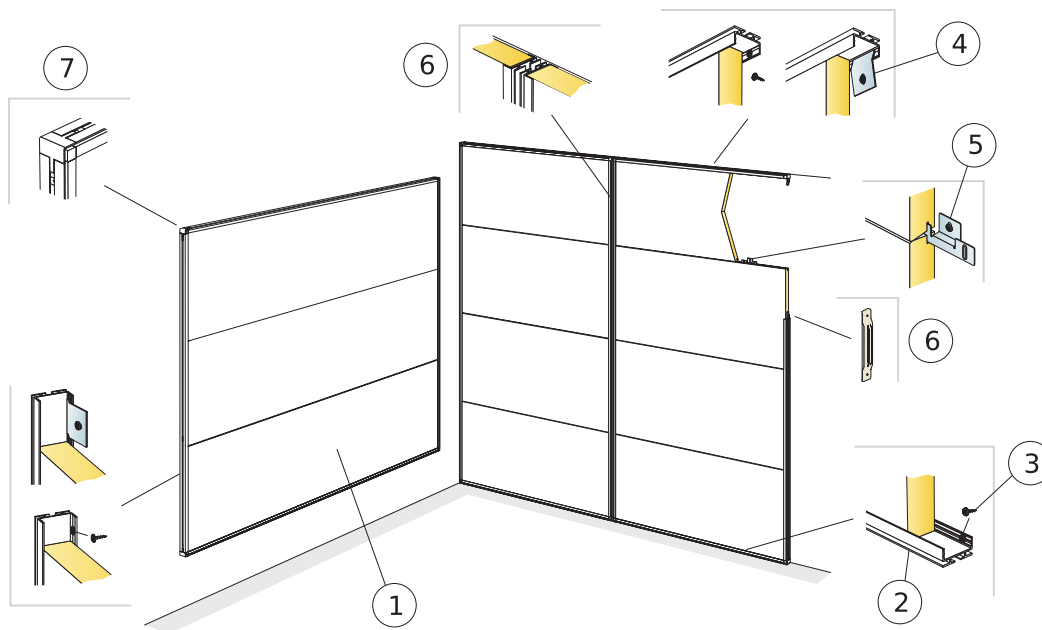| | | Size, mm |
| --- | --- | --- |
| | | **2700x600** |
| 1 | Akusto Wall C (Akusto Wall C/Super G for Ball Impact Resistance) | 0,62/m² |
| 2 | Connect Installation screw MVL (for use in plasterboard or timber) | as required |
| 3 | Connect WP Space bar, L=2400 mm | as required |
| 4 | Connect WP Profile, L=2687 mm, fixed at 400 mm centres | as required |
| 5 | Connect WP External corner mounted in Connect WP Profile | as required |
| 6 | Connect WP Profile splice. used to extend WP profiles where needed. | as required |
| 7 | Connect Spline | as required |
| 8 | Connect Fixing Plate installed 3 per panel lenght | as required |
| Δ | Min. overall depth of system: 44 mm | - |
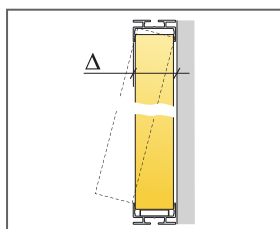


See Quantity specification
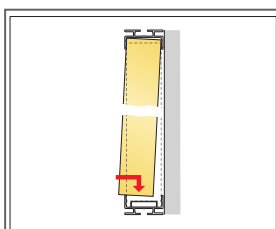


Detail of installation



Detail of WP Profile splice

| Size, mm | Max live load (N) | Min load bearing capacity (N) |
| --- | --- | --- |
| 2700x600x40 | 0 | - |

Live load/load bearing capacity

© Ecophon Group

## QUANTITY SPECIFICATION (EXCL. WASTAGE)

| | | Size, mm |
| --- | --- | --- |
| | | **2700x600** |
| 1 | Akusto Wall C | 0,62/m² |
| 2 | Connect WP Profile, L=2687 mm, fixed at 400 mm centres | as required |
| 3 | Connect Installation screw MVL (for use in plasterboard or timber) | as required |
| 4 | Alt. Connect Fixing bracket, fixed at 400 mm centres. | as required |
| 5 | Connect Fixing Plate installed 3 per panel lenght | as required |
| 6 | Connect WP Profile splice. used to extend WP profiles where needed. | as required |
| 7 | Connect WP External corner mounted in Connect WP Profile | as required |
| | Δ Min. overall depth of system: 44 mm | - |
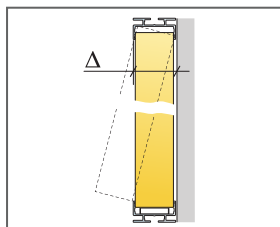


See Quantity specification



Detail of WP Profile splice



Detail of lower connection

| Size, mm | Max live load (N) | Min load bearing capacity (N) |
| --- | --- | --- |
| 2700x600x40 | 0 | - |

Live load/load bearing capacity

INSTALLATION DIAGRAM (M592) FOR ECOPHON AKUSTO WALL C HORIZONTAL INSTALLATION WITH CONNECT THINLINE PROFILES
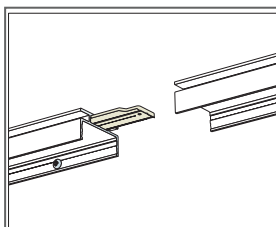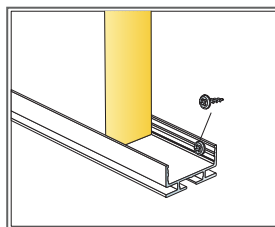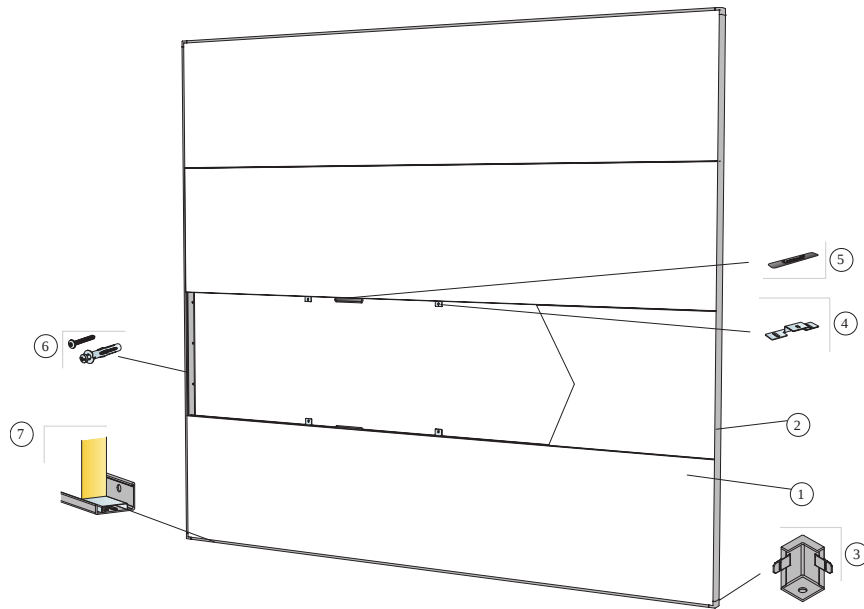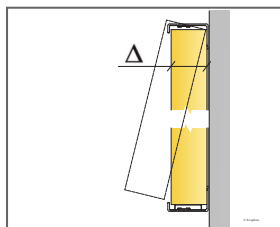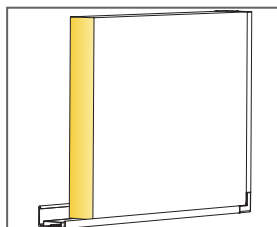

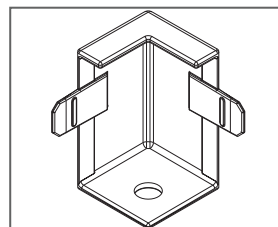
© Ecophon

## QUANTITY SPECIFICATION (EXCL. WASTAGE)

| | | Size, mm |
|---|---|---|
| | | **2700x600** |
| 1 | Akusto Wall C | 0,62/m² |
| 2 | Connect Thinline Profile, L=2658 mm | as required |
| 3 | Connect Thinline Corner | as required |
| 4 | Connect Fixing Plate installed 3 per panel lenght | as required |
| 5 | Connect Spline | as required |
| 6 | Installation screw, installed at 400 mm centres (select fastener according to wall material) | as required |
| 7 | Connect Thinline Space Bar | as required |
| Δ | Overall depth of system: 45 mm | - |



See Quantity specification



Detail of panel with Thinline system



Detail of Thinline corner

| Size, mm | Max live load (N) | Min load bearing capacity (N) |
|---|---|---|
| 2700x600x40 | - | - |

Live load/load bearing capacity

# Ecophon Akusto™ Wall C Extra Bass

Ecophon Akusto™ Wall C Extra Bass has a
concealed grid and bevelled edge to create a
narrow groove between each panel. Available in a
variety
of surface options. The wall absorber has excellent
sound absorption qualities from low to high sound
frequencies. Best room acoustic
properties are achieved when used together with a
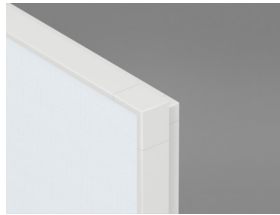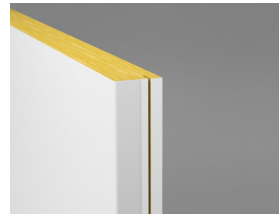sound absorbing ceiling.



Family image, , Sweden

## SYSTEM RANGE
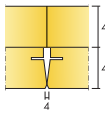
| Size, mm | |
|---|---|
| | 2700x600 |
| Akusto Extra Bass (40mm) | • |
| Thickness (THK) | 40 |
| Inst. Diagr. | M535, M547 |

Akusto Wall C Extra Bass system



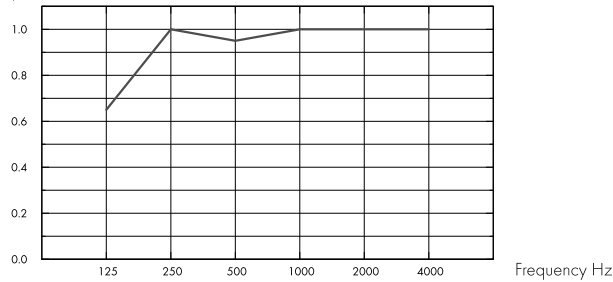Akusto Wall C Extra Bass system from above



Akusto Wall C

## Acoustic

**Sound Absorption:**

Test results according to EN ISO 354. Classification according to EN ISO 11654, and the single value ratings for Noise Reduction Coefficient, NRC and Sound Absorption Average, SAA according to ASTM C 423.

$\alpha_p$, Practical sound absorption coefficient



— Akusto Wall C Extra Bass 80 mm, 80 mm o.d.s.

o.d.s = overall depth of system

| | THK mm | o.d.s. mm | $\alpha_p$, Practical sound absorption coefficient | | | | | | $\alpha_w$ | Sound absorption class |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | | |
| Extra Bass | 80 | 80 | 0.65 | 1.00 | 0.95 | 1.00 | 1.00 | 1.00 | 1.00 | A |

| | THK mm | o.d.s. mm | NRC | SAA |
| --- | --- | --- | --- | --- |
| Extra Bass | 80 | 80 | 1.00 | 1.00 |

## Indoor Air Quality

| Certificate / Label | |
| --- | --- |
| Eurofins Indoor Air Comfort® | IAC Gold |
| French VOC | A+ |



## Carbon footprint

| | kg CO$_2$ equiv/m² |
| --- | --- |
| Akusto Wall C Extra Bass/Texona | 7,42 |
| Akusto Wall C Extra Bass/Akutex FT | 7,26 |
| Akusto Wall C Extra Bass/Super G | 8,74 |

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

## Circularity

| Minimum post-consumer recycled content | 60% |
| --- | --- |
| 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

Class C, relative humidity 95% and 30°C, according to EN 13964:2014

## Visual appearance

Akusto Wall in white has high light reflectance. Light reflectance and nearest NCS colour sample for all the different colours: See Ecophon Colours and surfaces.

## Cleanability

Daily dusting, vacuum cleaning and weekly wet wiping (Akutex FT surfaces). Weekly dusting and vacuum cleaning (Texona surfaces).

## Use of disinfectants

Texona Ginger, Sea salt, Thyme, Oyster and Garlic withstand the frequent use of ethanol (70%)-based disinfectants. Dampen a soft polyester microfiber cloth with the solution and wipe the surface in gentle circular movements.

## Accessibility

The tiles are not demountable.

## Installation

Installed according to installation diagrams, installation guides and drawing aid.

## System weight

|  | kg/m² |
|---|-------|
| Akusto Wall C/Akutex FT | 3,5 |
| Akusto Wall C/Texona | 3,5 |
| Akusto Extra Bass | 1,2 |

Weight information is indicative and subject to variation.
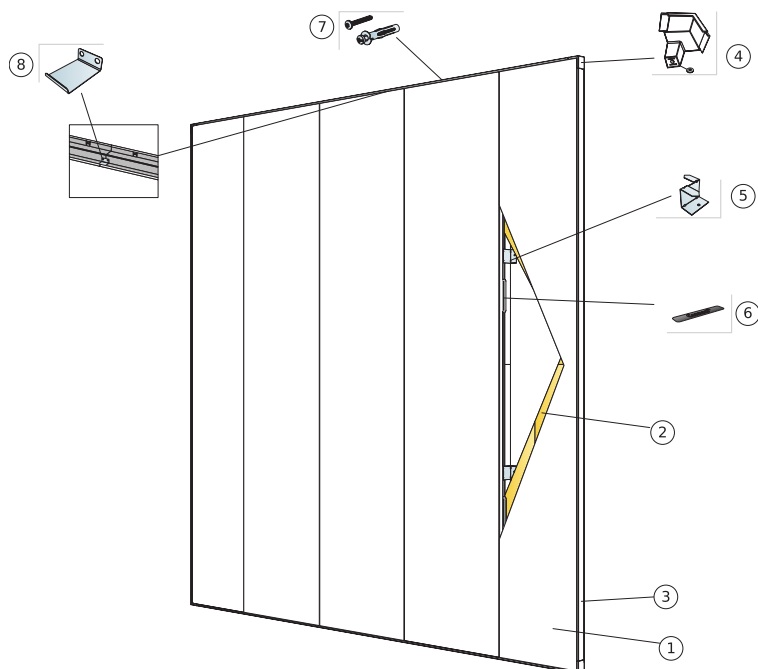
## Mechanical properties

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.
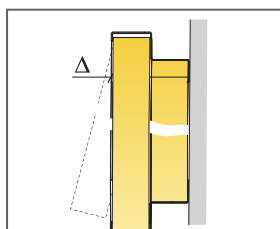
INSTALLATION DIAGRAM (M535) FOR ECOPHON AKUSTO WALL C EXTRA BASS VERTICAL INSTALLATION WITH CONNECT SHADOW PROFILES.
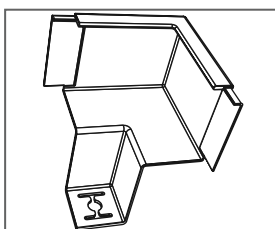
© Ecophon Group

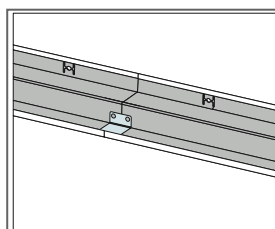## QUANTITY SPECIFICATION (EXCL. WASTAGE)

|  |  | Size, mm |
| --- | --- | --- |
|  |  | **2700x600** |
| 1 | Akusto Wall C | 0,62/m² |
| 2 | Akusto Extra Bass | 1,25/m² |
| 3 | Connect Shadow Profile | as required |
| 4 | Connect Shadow Corner (Incl. washer for leveling) | as required |
| 5 | Connect Ambit fixing installed at 1000 mm centres | as required |
| 6 | Connect Spline | as required |
| 7 | Installation screw, installed at 200 mm centres (select fastener according to wall material) | as required |
| 8 | Connect Shadow Splice. Used to extend profiles where needed. | as required |

Δ

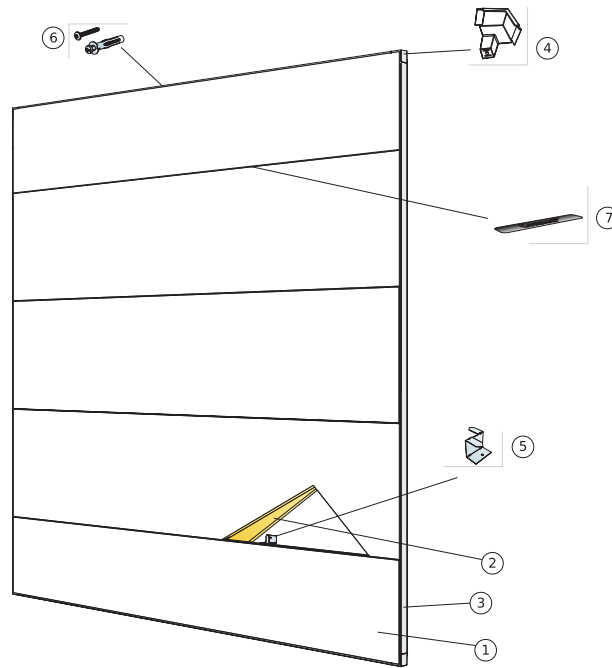See Quantity specification

Detail of panel with Thinline system

Detail of panel with Thinline system

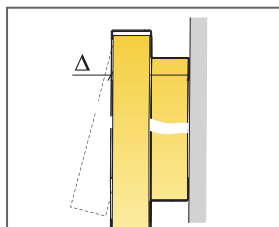| Size, mm | Max live load (N) | Min load bearing capacity (N) |
| --- | --- | --- |
| 2700x600x40 | 0 | - |

Live load/load bearing capacity

INSTALLATION DIAGRAM (M547) FOR ECOPHON AKUSTO WALL BASS HORIZONTAL INSTALLATION WITH CONNECT SHADOW PROFILES.

© Ecophon Group

## QUANTITY SPECIFICATION (EXCL. WASTAGE)

| | | Size, mm |
| --- | --- | --- |
| | | **2700x600** |
| 1 | Akusto Wall C | 0,62/m² |
| 2 | Akusto Extra Bass | 1,25/m² |
| 3 | Connect Shadow Profile | as required |
| 4 | Connect Shadow Corner (Incl. washer for leveling) | as required |
| 5 | Connect Ambit fixing installed at 1000 mm centres | as required |
| 6 | Installation screw, installed at 200 mm centres (select fastener according to wall material) | as required |
| 7 | Connect Spline | as required |
| 8 | Connect Shadow Splice. Used to extend profiles where needed. | as required |

See Quantity specification
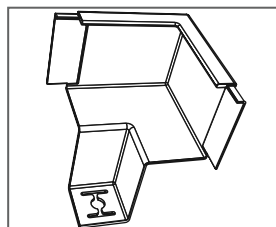
Detail of panel with Thinline system

| Size, mm | Max live load (N) | Min load bearing capacity (N) |
| --- | --- | --- |
| 2700x600x40 | 0 | - |

Live load/load bearing capacity
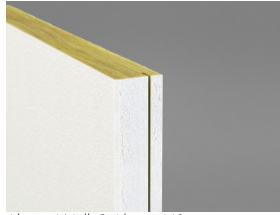
# Ecophon Akusto™ Wall C Akutex HS

Ecophon Akusto™ Wall C Akutex HS has a concealed grid and bevelled edge to create a narrow groove between each panel. Suitable for swimming pool areas, it's compatible with high humidity, corrosivity and occasional direct water.
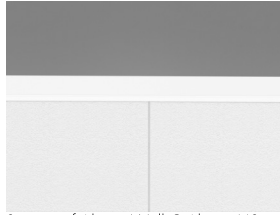


## SYSTEM RANGE
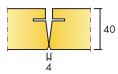
| Size, mm | |
|---|---|
| | 2700x600 |
| Thinline Profile | • |
| Thickness (THK) | 40 |
| Inst. Diagr. | M594C4 |

Akusto Wall C Akutex HS


Section of Akusto Wall C Akutex HS System


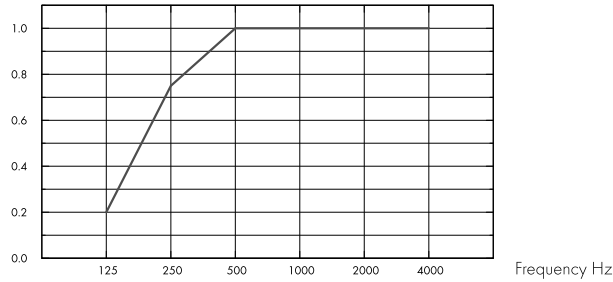Akusto Wall Akutex HS system with Connect Thinline Profile and distance

## Acoustic

### Sound Absorption:
Test results according to EN ISO 354. Classification according to EN ISO 11654.

$\alpha_p$, Practical sound absorption coefficient



— Akusto Wall C Akutex HS 40 mm, 50 mm o.d.s.

o.d.s = overall depth of system

| | THK mm | o.d.s. mm | $\alpha_p$, Practical sound absorption coefficient | | | | | | $\alpha_w$ | Sound absorption class |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | | |
| Akutex HS | 40 | 50 | 0.20 | 0.75 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | A |

| | THK mm | o.d.s. mm | NRC | SAA |
|---|---|---|---|---|
| Akutex HS | 40 | 50 | 0.95 | 0.96 |

## Indoor Air Quality

| Certificate / Label | |
|---|---|
| Eurofins Indoor Air Comfort® | IAC Gold |
| French VOC | A+ |

## Carbon footprint

| | kg CO₂ equiv/m² |
|---|---|
| Akusto Wall C - Akutex HS | 7,77 |

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

## Circularity

| Minimum post-consumer recycled content | 60% |
|---|---|
| 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

Class C, relative humidity 95% and 30°C, according to EN 13964:2014

## Visual appearance

White 500, nearest NCS colour sample S 0500-N, 84% light reflectance.

## Cleanability

Daily dusting and vacuum cleaning. Weekly wet wiping.

## Accessibility

The tiles are not demountable except in selected installation diagrams. See quantity specification for more information.

## Installation

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification. The systems should not be placed behind goals or similar areas where they frequently will be hit by hard ball shots. In such cases a protective net in front of the system is recommended.

## System weight

| | kg/m² |
|---|---|
| Akusto Wall C Akutex HS | 3,6 |

Weight information is indicative and subject to variation.

## Mechanical properties

See table about Max live load and Min load bearing capacity and Functional demands, Mechanical properties at www.ecophon.com.

## 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.

## 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 (M594C4) FOR ECOPHON AKUSTO™ WALL C AKUTEX HS VERTICAL INSTALLATION WITH CONNECT THINLINE PROFILE AND DISTANCE.
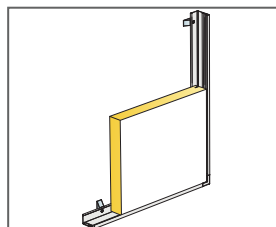


© Ecophon
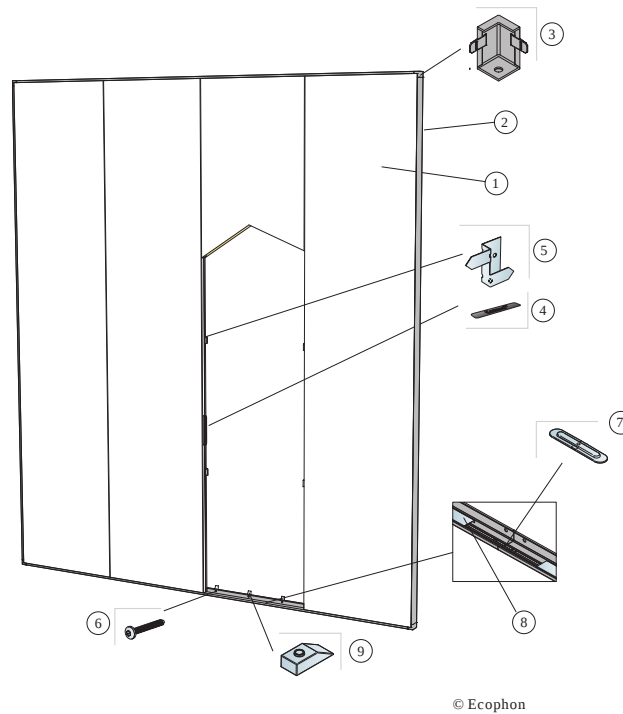
## QUANTITY SPECIFICATION (EXCL. WASTAGE)

| | | Size, mm |
| --- | --- | --- |
| | | **2700x600** |
| 1 | Akusto Wall C Akutex HS | 0,62/m² |
| 2 | Connect Thinline Profile, L=2658 mm | as required |
| 3 | Connect Thinline Corner | as required |
| 4 | Connect Spline | as required |
| 5 | Connect Thinline Fixing C4, for panel support every 1000 mm | as required |
| 6 | Installation screw C4, installed at 200 mm centres (select fastener according to wall material) | as required |
| 7 | Connect Thinline Splice. used to extend Thinline profiles where needed. | as required |
| 8 | Connect Thinline Space Bar | as required |
| 9 | Connect Distance C4, installed at 200 mm centres | as required |
| | Δ Overall depth of system: 55 mm | - |
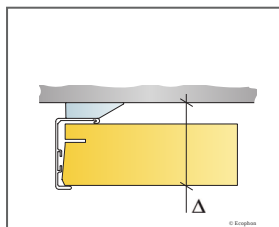


See Quantity Specification



Detail of panel with Thinline system with distance
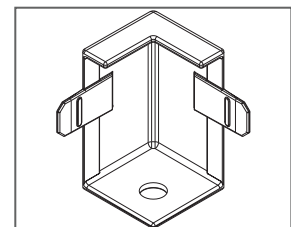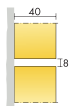


Detail of Thinline corner

# Ecophon Akusto™ One

Ecophon Akusto™ One is a panel for wall applications offered in square, rectangle or circle shapes. It offers a multitude of design possibilities thanks to the many different formats and colours.
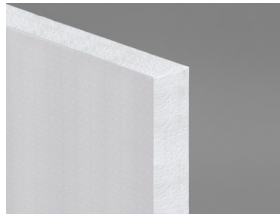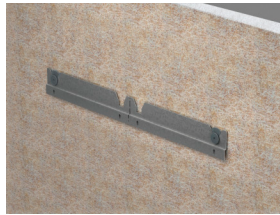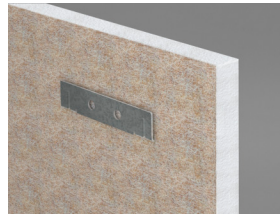


, Helsingborg, Sweden

**SYSTEM RANGE**

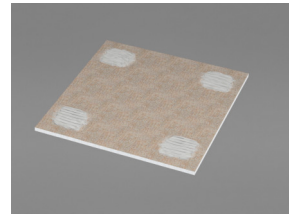| Size, mm | Ø592 | 592x592 | Ø792 | Ø1192 | 1192x292 | 1192x592 |
|---|---|---|---|---|---|---|
| Special Fixing | • | • | • | • | • | • |
| Thickness (THK) | 40 | 40 | 40 | 40 | 40 | 40 |
| Inst. Diagr. | M372 | M371 | M372 | M372 | M371 | M371 |

Akusto One panel


Installation with Connect™ One trim and Connect™ Absorber anchor one


Installation with Connect™ One hook fixing


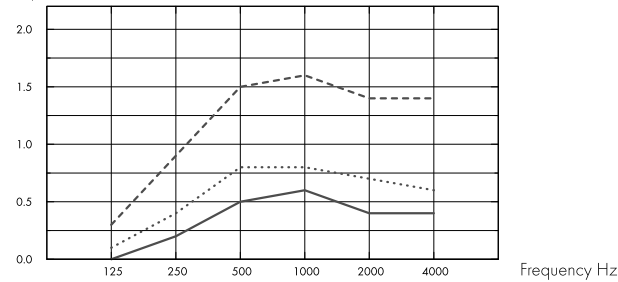Installation with Connect™ Absorber glue

## 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.
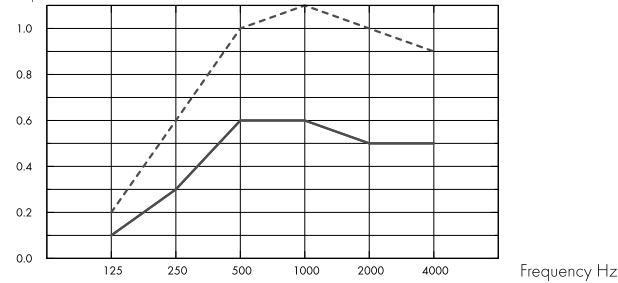
### Sound Absorption:
Test results according to EN ISO 354.



A$_{eq}$, Equivalent absorption area per unit (m² sabin)

— Akusto One Ø592, 48 mm o.d.s.

···· Akusto One Ø792, 48 mm o.d.s.

--- Akusto One Ø1192, 48 mm o.d.s.

o.d.s = overall depth of system



A$_{eq}$, Equivalent absorption area per unit (m² sabin)

— Akusto One 592x592, 48 mm o.d.s.

— Akusto One 1192x292, 48 mm o.d.s.

--- Akusto One 1192x592, 48 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 |
| Ø592 | 40 | 48 | 0.0 | 0.2 | 0.5 | 0.6 | 0.4 | 0.4 |
| Ø792 | 40 | 48 | 0.1 | 0.4 | 0.8 | 0.8 | 0.7 | 0.6 |
| Ø1192 | 40 | 48 | 0.3 | 0.9 | 1.5 | 1.6 | 1.4 | 1.4 |

| | 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 |
| 592x592 | 40 | 48 | 0.1 | 0.3 | 0.6 | 0.6 | 0.5 | 0.5 |
| 1192x292 | 40 | 48 | 0.1 | 0.3 | 0.6 | 0.6 | 0.5 | 0.5 |
| 1192x592 | 40 | 48 | 0.2 | 0.6 | 1.0 | 1.1 | 1.0 | 0.9 |

## Indoor Air Quality

| Certificate / Label | |
|---|---|
| Eurofins Indoor Air Comfort® | IAC Gold |
| French VOC | A+ |

## Cradle to Cradle Certified®

Akusto products with Akutex FT surface are Cradle to Cradle Certified® at Bronze level (version 4.0).

## Material Health

Akusto products with Akutex FT surface have 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 |
|---|---|
| Akusto One - Akutex FT | 7,59 |
| Akusto One - Texona | 9,42 |

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

## Circularity

| Minimum post-consumer recycled content | 61% |
|---|---|
| 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

Class C, relative humidity 95% and 30°C, according to EN 13964:2014

## Visual appearance

Akusto Wall in white has high light reflectance. Light reflectance and nearest NCS colour sample for all the different colours: See Ecophon Colours and surfaces.

## Cleanability

Daily dusting, vacuum cleaning and weekly wet wiping (Akutex FT surfaces). Weekly dusting and vacuum cleaning (Texona surfaces).

## Accessibility

The tiles are easily demountable except glued installation see quantity specification.

## 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 |
|---|---|
| Akusto One/Akutex FT | 3,5 |
| Akusto One/Texona | 3,6 |
| Akusto Freedom | 3,5 |

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.
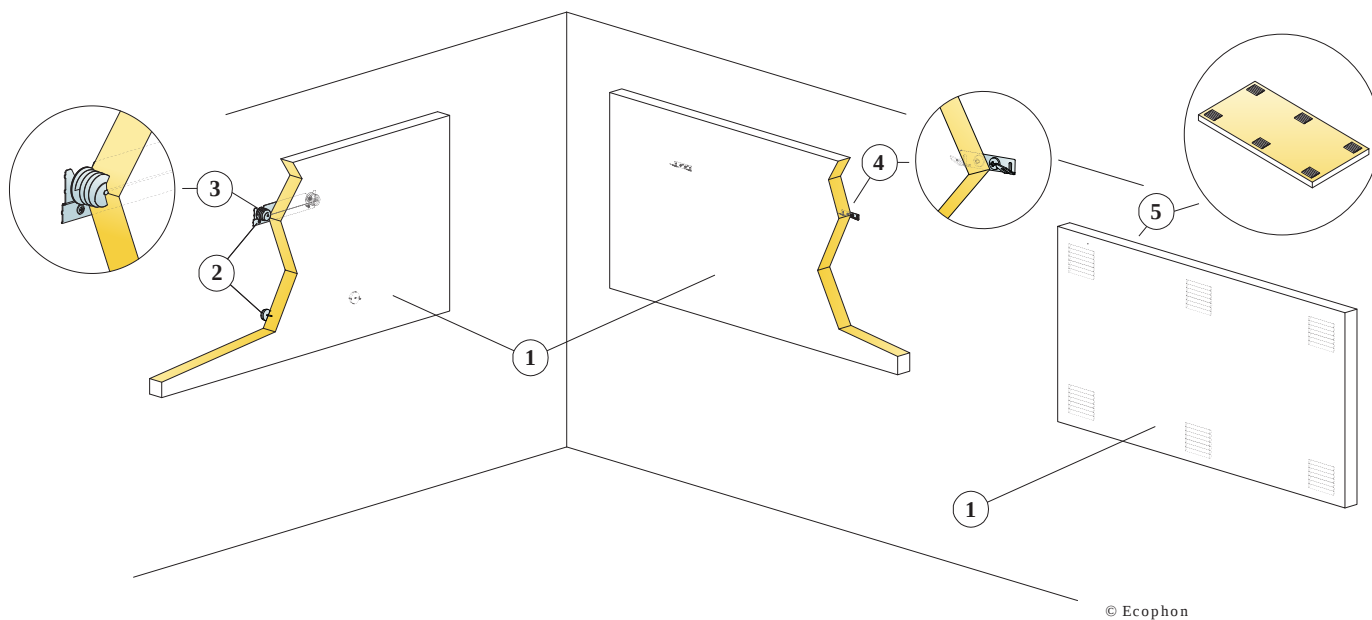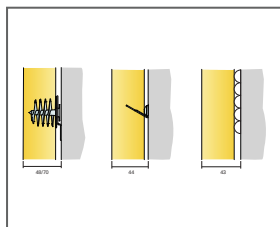
© Ecophon

## QUANTITY SPECIFICATION (EXCL. WASTAGE)

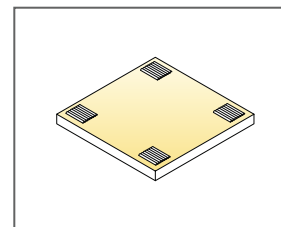| | | Size, mm | | |
|---|---|---|---|---|
| | | **592x592** | **1192x292** | **1192x592** |
| 1 | Akusto One | 2,8/m² | 2,8/m² | 1,4/m² |
| 2 | Alt. 1 Connect One trim (wall distance included) | 0,5/panel | 1/panel | 1/panel |
| 3 | Alt. 1 Connect Absorber anchor one | 2/panel | 2/panel | 2/panel |
| 4 | Alt. 2 Connect One hook fixing | 2/panel | 2/panel | 2/panel |
| 5 | Alt. 3 Connect Absorber glue (0,25 l/m² - 0,4 l/m² depending on installation conditions) | as required | as required | as required |
| | Use Connect Notched spatula to apply the glue. | - | - | - |
| | Δ Min. overall depth of system: Δ1 48 mm/70mm / Δ2 44 mm The system is demountable | - | - | - |
| | Δ Min. overall depth of system: Δ3 43 mm. The system is not demountable | - | - | - |



See Quantity specification



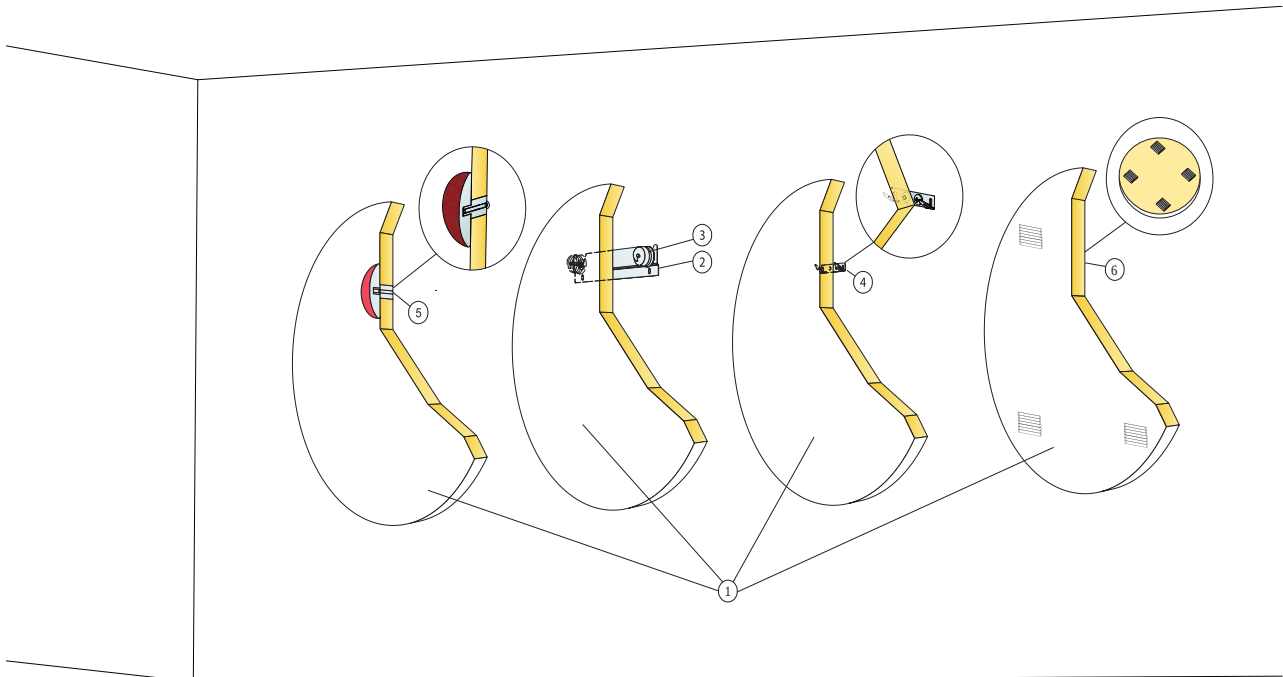Connect One trim can be divided into two suspension trims



Connect One hook fixing



Application of glue

© Ecophon

## QUANTITY SPECIFICATION (EXCL. WASTAGE)

| | Size, mm | | |
|---|---|---|---|
| | **Ø592** | **Ø792** | **Ø1192** |
| 1   Akusto One | 3,5/m² | 2/m² | 0,9/m² |
| 2   Alt. 1 Connect One trim (wall distance included) | 0,5/panel | 1/panel | 1/panel |
| 3   Alt. 1 Connect Absorber anchor one | 2/panel | 2/panel | 2/panel |
| 4   Alt. 2 Connect One hook fixing | 2/panel | 2/panel | 2/panel |
| 5   Alt. 3 Connect One fixing | 1/panel | 1/panel | 1/panel |
| 6   Alt. 4 Connect Absorber glue (0,25 l/m² - 0,4 l/m² depending on installation conditions) | as required | as required | as required |
| Use Connect Notched spatula to apply the glue. | - | - | - |
| Δ Min. overall depth of system: Δ1 48 mm/70mm / Δ2 44 mm / Δ3 40mm The system is demountable | - | - | - |
| Δ Min. overall depth of system: Δ4 43 mm. The system is not demountable | - | - | - |
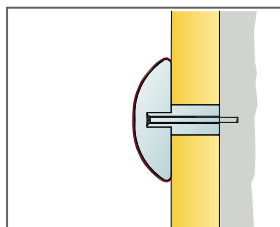


See Quantity specification
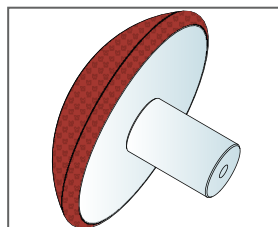


Connect One fixing available in 4 different colours
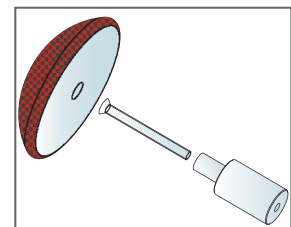


Installation with Connect One fixing

# Ecophon Akusto™ Triangle

Ecophon Akusto™ Triangle is a triangle shaped wall panel, offering possibility for endless wall patterns. Mounting the panel onto a wall is easy. Use glue for quick direct fixation or use Connect One Trim that has two different distance choices enabling 3-dimensional patterns.
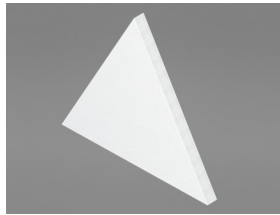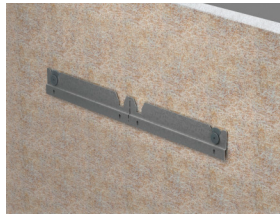


Helsingborg, Sweden

**SYSTEM RANGE**

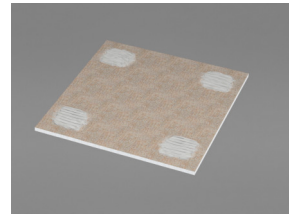| Size, mm | |
|---|---|
| | 513x592 |
| Special Fixing | • |
| Thickness (THK) | 40 |
| Inst. Diagr. | M585 |

Akusto Triangle panel



Installation with Connect™ One trim and Connect™ Absorber anchor one



Installation with Connect™ One hook fixing

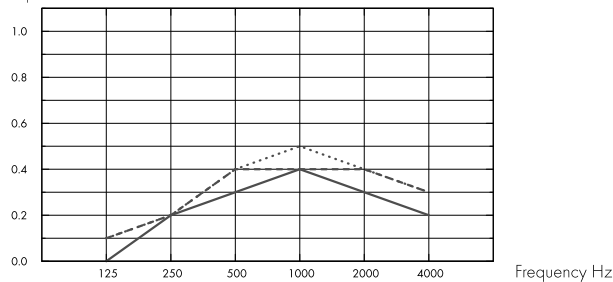

Installation with Connect™ Absorber glue

## Acoustic

The values in the diagram refer to a single unit.

### Sound Absorption:

Based on test results according to EN ISO 354.

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



Frequency Hz

— Akusto Triangle, 43 mm o.d.s

--- Akusto Triangle, 48 mm o.d.s

···· Akusto Triangle, 70 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 | 43 | 0.0 | 0.2 | 0.3 | 0.4 | 0.3 | 0.2 |
| 40 | 48 | 0.1 | 0.2 | 0.4 | 0.4 | 0.4 | 0.3 |
| 40 | 70 | 0.1 | 0.2 | 0.4 | 0.5 | 0.4 | 0.3 |

## Indoor Air Quality

| Certificate / Label | |
|---------------------|------|
| Eurofins Indoor Air Comfort® | IAC Gold |
| French VOC | A+ |

## Cradle to Cradle Certified®

Akusto products with Akutex FT surface are Cradle to Cradle Certified® at Bronze level (version 4.0).

## Material Health

Akusto products with Akutex FT surface have 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.

## Circularity

| Minimum post-consumer recycled content | 60% |
|----------------------------------------|-----|
| 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

Class C, relative humidity 95% and 30°C, according to EN 13964:2014

## Visual appearance

Akusto Wall in white has high light reflectance. Light reflectance and nearest NCS colour sample for all the different colours: See Ecophon Colours and surfaces.

## Cleanability

Akutex FT: Daily dusting and vacuum cleaning. Weekly wet wiping. For more info see Colours and surfaces.

## Accessibility

The tiles are easily demountable except glued installation see quantity specification.

## Installation

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification. Rendered surfaces must have sufficient strength to be able to carry the load imposed by the tiles. If doubts, test gluing should be carried out. The surface should always be dry and clean. For best result the surface should be even, however an acceptable result could be achieved on slightly uneven surfaces.

## System weight

|  | kg/m² |
|---|-------|
| Akusto Triangle | 3,5 |

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.
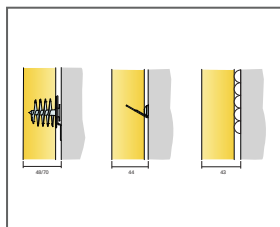
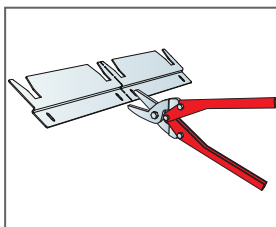INSTALLATION DIAGRAM (M585) FOR ECOPHON AKUSTO TRIANGLE
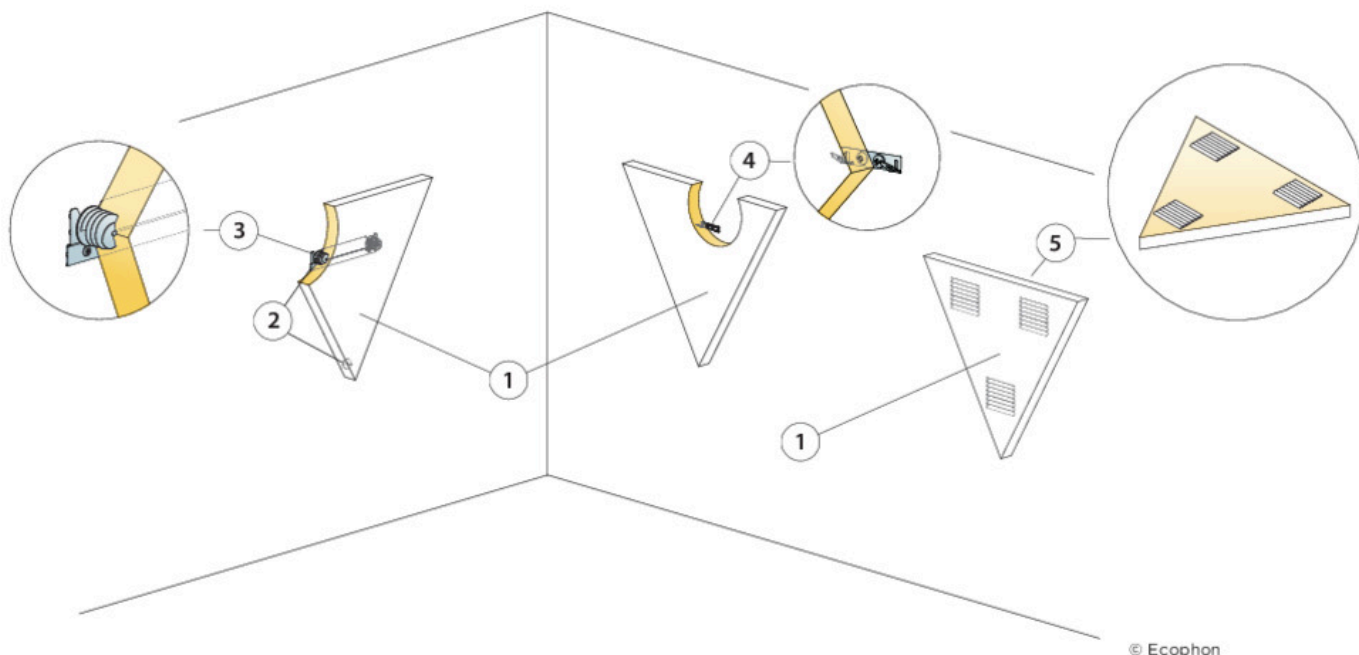


© Ecophon
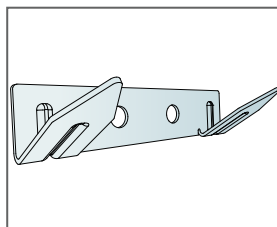
## QUANTITY SPECIFICATION (EXCL. WASTAGE)

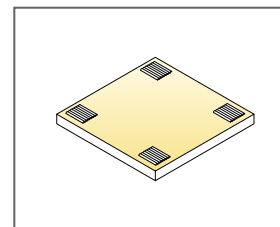| | | Size, mm |
|---|---|---|
| | | **513x592** |
| 1 | Akusto Triangle | 3,2/m² |
| 2 | Alt. 1 Connect One trim (wall distance included) | 0,5/panel |
| 3 | Alt. 1 Connect Absorber anchor one | 2/panel |
| 4 | Alt. 2 Connect One hook fixing | 2/panel |
| 5 | Alt. 3 Connect Absorber glue (0,25 l/m² - 0,4 l/m² depending on installation conditions) | as required |
| | Use Connect Notched spatula to apply the glue. | - |
| | Δ Min. overall depth of system: Δ1 48 mm/70mm / Δ2 44 mm The system is demountable | - |
| | Δ Min. overall depth of system: Δ3 43 mm. The system is not demountable | - |



See Quantity specification



Connect One trim can be divided into two suspension trims
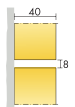


Connect One hook fixing



Application of glue

# Ecophon Akusto™ Hexagon

Ecophon Akusto™ Hexagon is a hexagon shaped wall panel, offering possibility for endless wall patterns. Mounting the panel onto a wall is easy. Use glue for quick direct fixation or use Connect One Trim that has two different distance choices enabling 3-dimensional patterns.
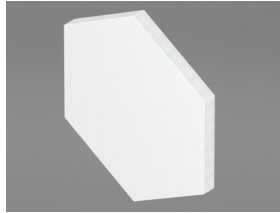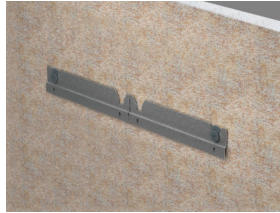


Helsingborg, Sweden

## SYSTEM RANGE

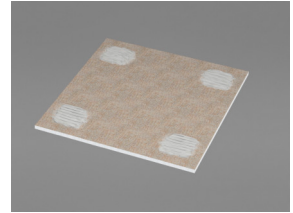| Size, mm | |
|---|---|
| | 513x592 |
| Special Fixing | • |
| Thickness (THK) | 40 |
| Inst. Diagr. | M586 |

Akusto Hexagon panel


Installation with Connect™ One trim and Connect™ Absorber anchor one


Installation with Connect™ One hook fixing


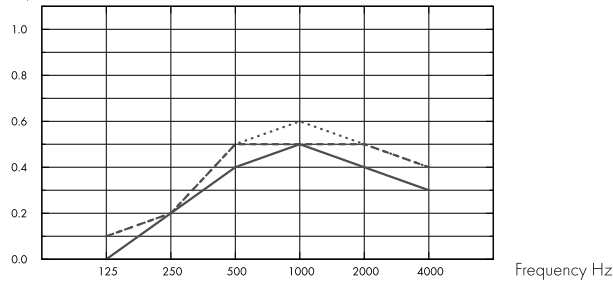Installation with Connect™ Absorber glue

## Acoustic

The values in the diagram refer to a single unit.

**Sound Absorption:**
Based on test results according to EN ISO 354.



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

— Akusto Hexagon, 43 mm o.d.s

--- Akusto Hexagon, 48 mm o.d.s

···· Akusto Hexagon, 70 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 | 43 | 0.0 | 0.2 | 0.4 | 0.5 | 0.4 | 0.3 |
| 40 | 48 | 0.1 | 0.2 | 0.5 | 0.5 | 0.5 | 0.4 |
| 40 | 70 | 0.1 | 0.2 | 0.5 | 0.6 | 0.5 | 0.4 |

## Indoor Air Quality

| Certificate / Label | |
|---|---|
| Eurofins Indoor Air Comfort® | IAC Gold |
| French VOC | A+ |



## Cradle to Cradle Certified®

 Akusto products with Akutex FT surface are Cradle to Cradle Certified® at Bronze level (version 4.0).

## Material Health

 Akusto products with Akutex FT surface have 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.

## Circularity

| Minimum post-consumer recycled content | 60% |
|---|---|
| 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

Class C, relative humidity 95% and 30°C, according to EN 13964:2014

## Visual appearance

Akusto Wall in white has high light reflectance. Light reflectance and nearest NCS colour sample for all the different colours: See Ecophon Colours and surfaces.

## Cleanability

Akutex FT: Daily dusting and vacuum cleaning. Weekly wet wiping. For more info see Colours and surfaces.

## Accessibility

The tiles are easily demountable except glued installation see quantity specification.

## Installation

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification. Rendered surfaces must have sufficient strength to be able to carry the load imposed by the tiles. If doubts, test gluing should be carried out. The surface should always be dry and clean. For best result the surface should be even, however an acceptable result could be achieved on slightly uneven surfaces.

## System weight

| | kg/m² |
|---|---|
| Akusto Hexagon | 3,5 |

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.
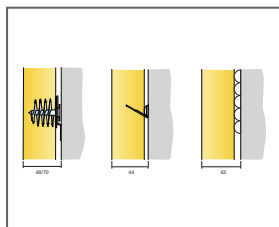
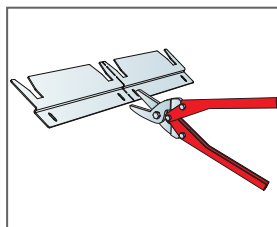INSTALLATION DIAGRAM (M586) FOR ECOPHON AKUSTO HEXAGON
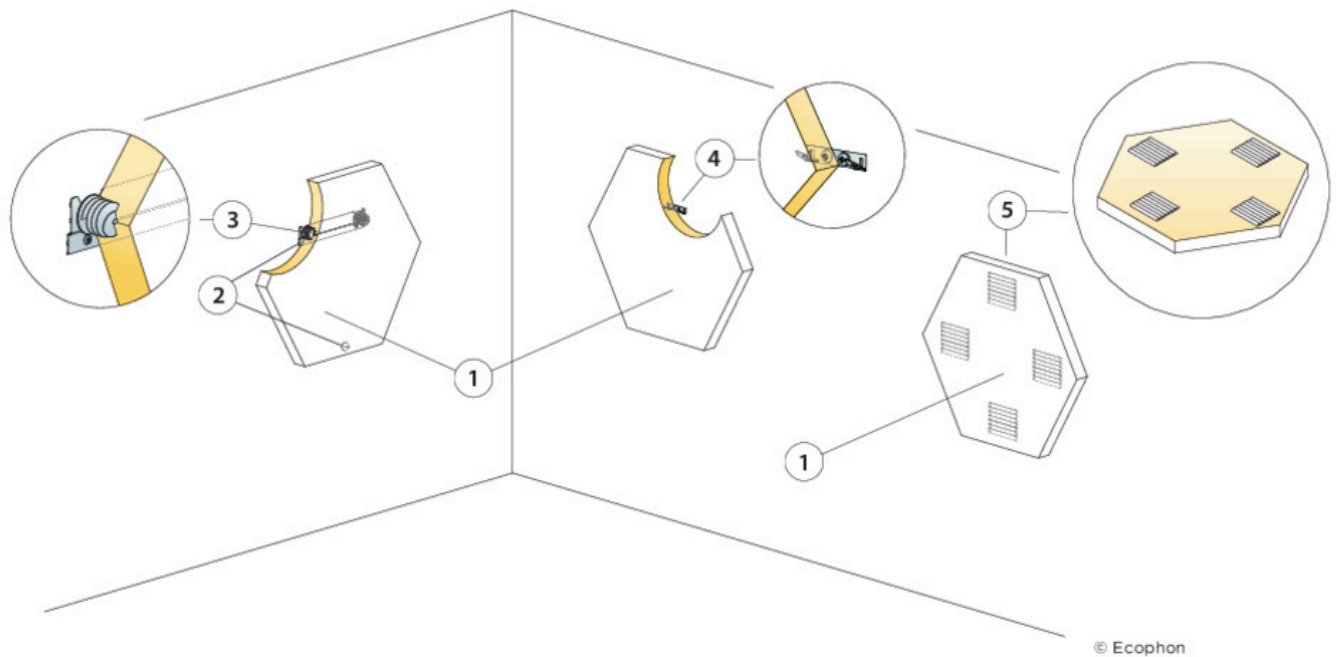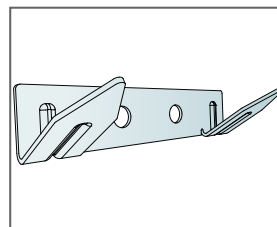


© Ecophon

## QUANTITY SPECIFICATION (EXCL. WASTAGE)

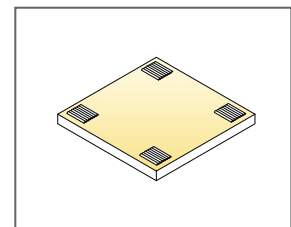| | | Size, mm |
|---|---|---|
| | | **513x592** |
| 1 | Akusto Hexagon | 3,2/m² |
| 2 | Alt. 1 Connect One trim (wall distance included) | 0,5/panel |
| 3 | Alt. 1 Connect Absorber anchor one | 2/panel |
| 4 | Alt. 2 Connect One hook fixing | 2/panel |
| 5 | Alt. 3 Connect Absorber glue (0,25 l/m² - 0,4 l/m² depending on installation conditions) | as required |
| | Use Connect Notched spatula to apply the glue. | - |
| | Δ Min. overall depth of system: Δ1 48 mm/70mm / Δ2 44 mm The system is demountable | - |
| | Δ Min. overall depth of system: Δ3 43 mm. The system is not demountable | - |



See Quantity specification



Connect One trim can be divided into two suspension trims



Connect One hook fixing



Application of glue

# Ecophon Akusto™ Screen

Ecophon Akusto™ Screen has an exposed profile system. The size of the product is 1500 x 1200mm, thickness 40 mm. Available in Texona surface. Suitable for open space offices. Combined with a sound absorbing ceiling to achieve excellent acoustic properties in the room.
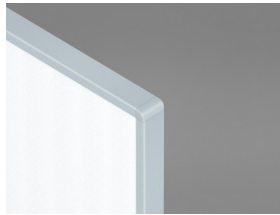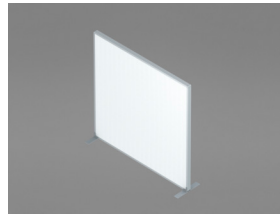


**SYSTEM RANGE**

| Size, mm | |
|---|---|
| | 1500x1200 |
| Freestanding | • |
| Thickness (THK) | 40 |
| Inst. Diagr. | M564 |
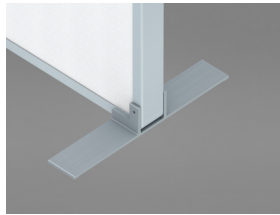
Akusto Screen foot
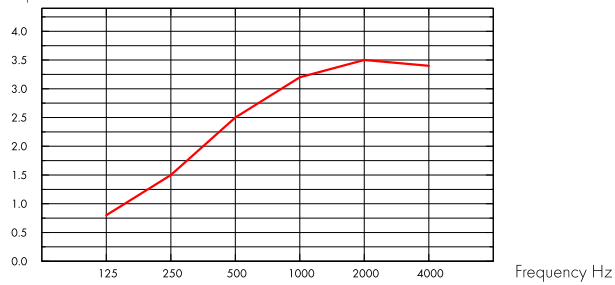

Akusto Floor corner


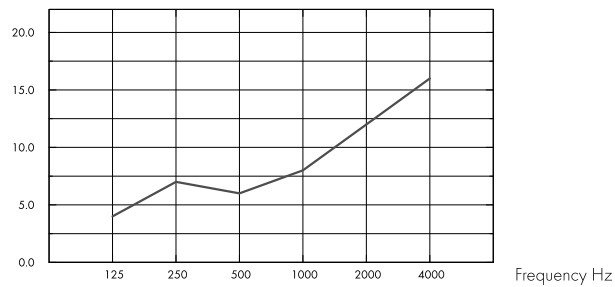Akusto Screen system

## Acoustic

### Sound Absorption:

Sound absorption and sound attenuation test results according to ISO 20189.

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



— Akusto Screen, size 1500x1200 mm

Screen sound attenuation $\Delta L_s$ (dB)



— Akusto Screen, size 1500x1200 mm

| | THK mm | $A_{eq}$, Equivalent absorption area per unit (m² sabin) | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| | | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz |
| 1500x1200 | 40 | 0.8 | 1.5 | 2.5 | 3.2 | 3.5 | 3.4 |

| | THK mm | Screen sound attenuation $\Delta L_s$ (dB) | | | | | | Weighted screen sound attenuation (dB) |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz | |
| 1500x1200 | 40 | 4.0 | 7.0 | 6.0 | 8.0 | 12.0 | 16.0 | 10.0 |

### Indoor Air Quality

| Certificate / Label | |
| --- | --- |
| Eurofins Indoor Air Comfort® | IAC Gold |
| French VOC | A+ |

## Circularity

| Minimum post-consumer recycled content | 48%* |
|---|---|
| Recyclability | Fully recyclable |

*this value does not take into account the aluminium frame

## Humidity Resistance

Class A, relative humidity 70% and 25°C, according to EN 13964:2014

## Visual appearance

Texona in white has high light reflectance. For more information regarding visual appearance of the various surfaces: See Ecophon Colours and surfaces.

## Cleanability

Weekly dusting and vacuum cleaning.

## Use of disinfectants

Texona Ginger, Sea salt, Thyme, Oyster and Garlic withstand the frequent use of ethanol (70%)-based disinfectants. Dampen a soft polyester microfiber cloth with the solution and wipe the surface in gentle circular movements.
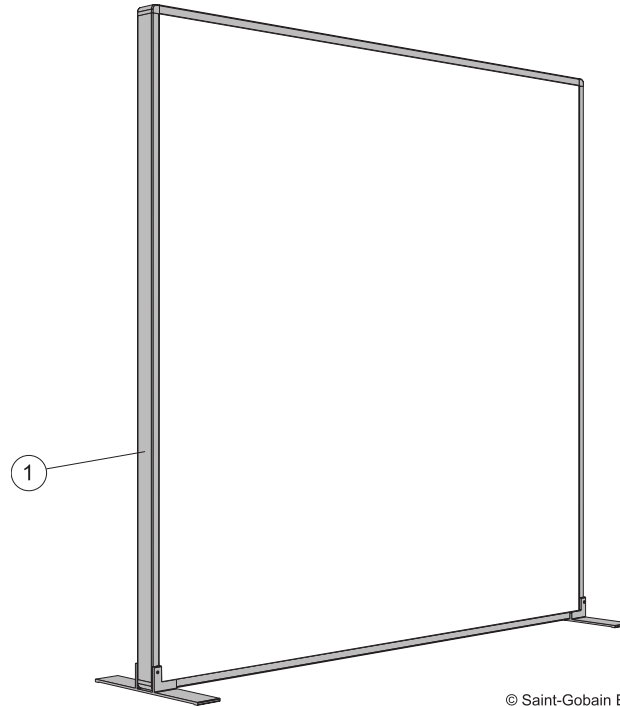
## Installation

Installed according to the installation guide that is delivered with the product.

## Mechanical properties

The product is tested according to EN14073-2 and EN1023.

INSTALLATION DIAGRAM (M564) FOR ECOPHON AKUSTO SCREEN



© Saint-Gobain Ecophon AB

QUANTITY SPECIFICATION (EXCL. WASTAGE)

| | | Size, mm |
|---|---|---|
| | | **1500x1200** |
| 1 | Akusto Screen | - |