

Ecophon® Solo

Acoustical Clouds

Submittal Sheet

DESIGN AND SPECIFICATIONS

Use of the Product

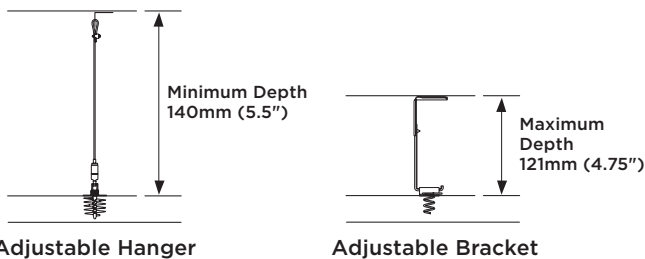
Use as a ceiling sound absorber to achieve excellent acoustic performance in a space. The 12 shape options and various suspension/hardware options offer numerous design possibilities.

Material

Manufactured from high-density fiberglass.

Attachment

Ceiling applications have two methods for attachment options. The first is to use the adjustable wire hangers for variable elevations. The second is to use the adjustable brackets for applications close to the structure. Method of attachment to the structure of any accessory is provided by others.



PERFORMANCE PROPERTIES

Fire Performance

ASTM E 1264 Classification: Type XII, Form 2, Pattern G, Fire Class A.

Acoustics

Calculations based on 1000mm depth of system at NRC frequencies. Average Sabins per unit are 11.0 - 43.3.

Warranty

10 year Ecophon Warranty.

Shape, Size and Weight

Shape	Size (metric)	Size (nominal inches)	Weight (lbs.)
Square	1200mm x 1200mm x 40mm	48" x 48" x 1-1/2"	13.2
Rectangle	1200mm x 1800mm x 40mm	48" x 72" x 1-1/2"	19.5
Rectangle	1200mm x 2400mm x 40mm	48" x 95" x 1-1/2"	25.4
Circle 800	800mm Ø x 40mm	32" Ø x 1-1/2"	4.4
Circle 1200	1200mm Ø x 40mm	48" Ø x 1-1/2"	9.9
Circle XL	1600mm Ø x 40mm	63" Ø x 1-1/2"	17.6
Pentagon	1139mm x 1198mm x 40mm	45" x 48" x 1-1/2"	8.4
Ellipse	1000mm x 2400mm x 40mm	40" x 95" x 1-1/2"	16.5
Hexagon	1040mm x 1200mm x 40mm	24" x 41" x 1-1/2"	8.2
Heptagon	1168mm x 1198mm x 40mm	46" x 48" x 1-1/2"	9.3
Octagon	1200mm x 1200mm x 40mm	48" x 48" x 1-1/2"	10.6
Triangle	1039mm x 1200mm x 40mm	41" x 48" x 1-1/2"	5.5

Ø = diameter

Accessibility

Panels can be easily demounted.

Edge Detail

Panels have square edges that are fully painted.

Installation

Install according to installation instructions found on certainteed.com/commercial-ceilings/products/solo/.

Safety and Handling

When handling and installing product wear clean cotton gloves and eye protection.

Cleaning

Wipe with a soft cloth or vacuum with brush attachment. Cleanable with mild detergent.

Light Reflectance

The surface consists of the Akutex™ FT finish, which is highly light reflective [85%] and has exceptional light diffusion [+99%]. The Akutex™ FT finish covers both sides of the panel.

Recycled Content

70% post-consumer, 1% pre-consumer.

SUBMITTAL: Select pieces in sections 1 and 2

1. Select Ecophon® Solo Panel

Item Code	Description	Size (metric)	Size (nominal inches)	Pcs per Carton	Cartons Required
3544 2050	Solo Square	1200mm x 1200mm x 40mm	48" x 48" x 1-1/2"	4	
3544 2068	Solo Rectangle	1200mm x 1800mm x 40mm	48" x 72" x 1-1/2"	2	
3544 2051	Solo Rectangle	1200mm x 2400mm x 40mm	48" x 95" x 1-1/2"	2	
3544 2262	Solo Circle 800	800mm Ø x 40mm	32" Ø x 1-1/2"	4	
3544 2086	Solo Circle 1200	1200mm Ø x 40mm	48" Ø x 1-1/2"	4	
3544 2420	Solo Circle XL	1600mm Ø x 40mm	63" Ø x 1-1/2"	1	
3544 2249	Solo Pentagon	1139mm x 1198mm x 40mm	45" x 48" x 1-1/2"	4	
3544 2251	Solo Ellipse	1000mm x 2400mm x 40mm	40" x 95" x 1-1/2"	1	
3544 2254	Solo Hexagon	1040mm x 1200mm x 40mm	24" x 41" x 1-1/2"	4	
3544 2255	Solo Heptagon	1168mm x 1198mm x 40mm	46" x 48" x 1-1/2"	4	
3544 2256	Solo Octagon	1200mm x 1200mm x 40mm	48" x 48" x 1-1/2"	4	
3544 2425	Solo Triangle	1039mm x 1200mm x 40mm	41" x 48" x 1-1/2"	4	

Ø = diameter

2. Indicate Carton Quantity

Ceiling Application (select 1 or 2 depending on desired distance from ceiling)

(1) Connect Adjustable Wire Hanger Application

(2) Connect Adjustable Bracket Application

Connect adjustable wire hanger

24 pcs per carton



2647 2174 (2000mm)
Quantity _____

2647 2180 (6000m)
Quantity _____

Connect absorber anchor

8 pcs per carton



2647 2170
Quantity _____

Connect adjustable bracket

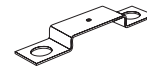
24 pcs per carton



2631 1025
Quantity _____

Connect panel fixing plate

24 pcs per carton



2631 1026
Quantity _____

Connect spiral anchor

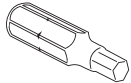
24 pcs per carton



2630 0197
Quantity _____

Connect absorber anchor bit

5 pcs per carton



2647 2171
Quantity _____



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