

# Ecophon® Solo

## Acoustical Clouds

### Submittal Sheet

## DESIGN AND SPECIFICATIONS

### Use of the Product

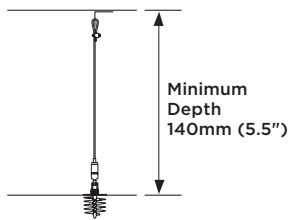
Use as a ceiling sound absorber to achieve excellent acoustic performance in a space. The 6 shapes and 10 size options, along with the various suspension/hardware options offer numerous design possibilities.

### Material

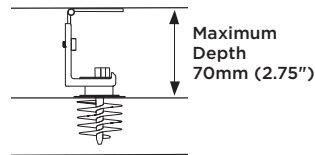
Manufactured from high-density fiberglass.

### 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. Seismic application may require review by the project engineer.



Adjustable Hanger  
Ceiling  
Application



Absorber Bracket  
Ceiling  
Application

## 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 - 51.1.

### Warranty

10 year Ecophon Warranty.

### Shape, Size and Weight

Shape	Size (actual metric)	Size (nominal inches)	Weight (lbs.)
Square 	1200mm x 1200mm x 40mm	48" x 48" x 1-1/2"	13.2
Rectangle 	600mm x 2400mm x 40mm	24" x 95" x 1-1/2"	14.3
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
Rectangle 	1200mm x 3000mm x 40mm	48" x 118" x 1-1/2"	31.8
Trapezoid 	1168mm x 1168mm x 40mm	46" x 46" x 1-1/2"	11.2
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
Hexagon 	1040mm x 1200mm x 40mm	41" x 48" x 1-1/2"	8.2

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/](http://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 (actual 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 2077	Solo Rectangle	600mm x 2400mm x 40mm	24" x 95" 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 2612	Solo Rectangle	1200mm x 3000mm x 40mm	48" x 118" x 1-1/2"	2	
3544 7245	Solo Trapezoid	1168mm x 1168mm x 40mm	46" x 46" x 1-1/2"	4	
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 2254	Solo Hexagon	1040mm 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 Absorber Bracket Application

Connect adjustable  
wire hanger

24 pcs per carton



2647 2174 (2000mm)  
Quantity \_\_\_\_\_

2647 2180 (6000mm)  
Quantity \_\_\_\_\_

Connect  
absorber anchor

8 pcs per carton



2647 2170  
Quantity \_\_\_\_\_

Connect  
absorber bracket

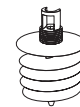
24 pcs per carton



2630 0048  
Quantity \_\_\_\_\_

Connect  
absorber anchor

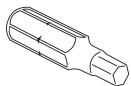
8 pcs per carton



2647 2170  
Quantity \_\_\_\_\_

Connect absorber  
anchor bit

5 pcs per carton



2647 2171  
Quantity \_\_\_\_\_



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