ECOPHON® SOLO
ACOUSTICAL CLOUDS

Project Name _____

Specification Section _____

Ceiling Type _____

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	
☐ 3544 2425 EZC	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

Connect adjustable wire hanger
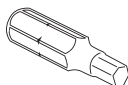
24 pcs per carton

2647 4174 (2000mm)

Quantity _____

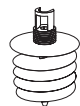2647 4180 (6000mm)

Quantity _____

Connect absorber anchor bit

5 pcs per carton

2647 2171

Quantity _____

Connect absorber anchor

2647 2270
4 pcs per carton

Quantity _____

2647 2290
24 pcs per carton

Quantity _____

☐ **(2) Connect**
Absorber Bracket Application

Connect abosrber bracket

24 pcs per carton
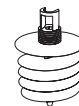

2630 0048 (50-70mm)

Quantity _____

2630 0049 (70-90mm)

Quantity _____

Connect absorber anchor

2647 2270
4 pcs per carton

Quantity _____

2647 2290
24 pcs per carton

Quantity _____

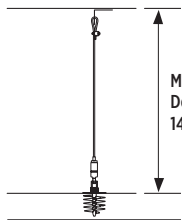## DESIGN AND SPECIFICATIONS

Use of the Product

Use as a ceiling sound absorber to achieve excellent acoustic performance in a space. The 10 standard options offer numerous design possibilities.
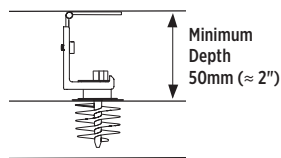
Material

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

Minimum Depth 140mm (5.5")

Absorber Bracket Ceiling Application

Minimum Depth 50mm (≈ 2")

Shape, Size and Weight

SHAPES		SIZE (actual metric)	SIZE (nominal inches)	WEIGHT (lbs/unit)
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
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 www.certainteed.com/architectural.

Safety and Handling

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

PHYSICAL DATA

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/unit range 9.4 - 51.1.

Warranty: 10-year Ecophon Warranty.

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, in white, is highly light reflective (85%) and has exceptional light diffusion (+99%). The Akutex™ FT finish covers both sides of the panel.

Recycled Content: 54% post-consumer, 0% pre-consumer.