



Vertically installed, unframed baffles provide sound absorption and design flexibility.

FEATURES AND BENEFITS

- Free-hanging panel with superior sound absorption and easy installation
- Can be angled up to 60°, layered 4 deep, and quickly demounted when needed
- Frameless panels with fully painted edges enable two-sided sound absorption
- Simple integration of lighting components
- Highly engineered Akutex™ FT surface in white finish has nearly perfect light diffusion (+99%)
- Available in 22 standard colors and a variety of shapes and sizes

ATTRIBUTES



**SAG
RESISTANT**



**FIRE RATING:
CLASS A**



**MOLD/MILDEW
RESISTANT**



WASHABLE



LR 0.85

SOLO FREEDOM

Ecophon Solo Freedom enables endless design possibilities. Design almost any shape based on a 1200 x 1200, 2400 x 1200, or 3000 x 1200 panel. Quick-ship options available for select Solo Cloud and Baffle shapes.

LEED® v4

RECYCLED CONTENT	54%	
	PRE: 0%	POST: 54%

- ✓ EQ: Optimize Energy Performance
- ✓ EA: Prereq. Min. Energy Performance
- ✓ EQ: Interior Lighting
- ✓ MR: PBT Source Reduction (Healthcare)
- ✓ EQ: Acoustic Performance
- ✓ EQ: Daylight
- ✓ MR: Sourcing Raw Materials
- ✓ MR: Environmental Product Declarations (EPDs)
- ✓ MR: Construction and Demolition Waste Management Planning
- ✓ MR: Material Ingredients (HPDs)

LEED® is a registered trademark of the U.S. Green Building Council.

**CERTIFICATIONS &
PRODUCT DECLARATIONS**



EPD AVAILABLE



HPD AVAILABLE

COLORS

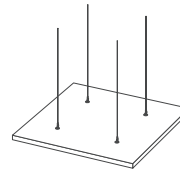


CONFIGURATION SUGGESTIONS



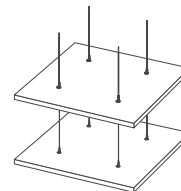
INDIVIDUAL SUSPENSION

Individual clouds can be easily suspended using standard factory anchors and adjustable aircraft hanger wire—no special tools required—for a clean, elegant look.



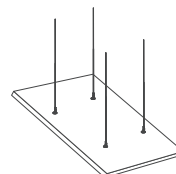
STACKED OR LAYERED

For added depth, texture and acoustic control, hang multiple Ecophon Solo clouds in tiered layers. Included hardware and hanger wires can support up to 4 flat or 3 angled panels in one tier.







ANGLED




To add a sense of movement to your ceiling design, or to create a sculptural point of interest that doubles as sound absorption, Ecophon Solo clouds can be suspended at varying angles up to 60°.





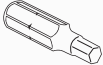





ECOPHON® SOLO™ CLOUDS

SOLO CLOUDS		DIMENSIONS MM(= IN.)	AVG SABINS/ UNIT	PIECES/ CARTON	LBS./ CARTON
SOLO SQUARE					
	3544 2050	1200 x 1200 x 40 (= 48 x 48 x 1-1/2)	22.6	4	62
SOLO CIRCLE					
	3544 2262	D800 x 40 (= D32 x 1-1/2)	9.4	4	24
	3544 2086	D1200 x 40 (= D48 x 1-1/2)	18.6	4	51
SOLO CIRCLE XL*					
	3544 2420	D1600 x 40 (= D63 x 1-1/2)	31.5	1	24
SOLO TRIANGLE					
	3544 2425 EZC	1039 x 1200 x 40 (= 41 x 48 x 1-1/2)	11.1	4	62

Average Sabins per unit calculations based on 1000 mm depth of system at NRC frequencies
*Solo Circle XL ships in 2 pieces

SOLO CLOUDS		DIMENSIONS MM(= IN.)	AVG SABINS/ UNIT	PIECES/ CARTON	LBS./ CARTON
SOLO RECTANGLE					
	3544 2077	600 x 2400 x 40 (= 24 x 95 x 1-1/2)	22.7	4	65
	3544 2068	1200 x 1800 x 40 (= 48 x 72 x 1-1/2)	33.4	2	49
	3544 2051	1200 x 2400 x 40 (= 48 x 95 x 1-1/2)	43.3	2	62
	3544 2612	1200 x 3000 x 40 (= 48 x 118 x 1-1/2)	51.1	2	78
SOLO TRAPEZOID					
	3544 7245	1168 x 1168 x 40 (= 46 x 46 x 1-1/2)	19.2	4	53
SOLO HEXAGON					
	3544 2254	1040 x 1200 x 40 (= 41 x 47 x 1-1/2)	15.9	4	52

ACCESSORIES

SOLO™ CLOUD	PRODUCT NAME	PIECES/ CARTON	USE
	2647 2270 Connect Absorber Anchor	4	For suspension of Ecophon Solo panels
	2647 2290 Connect Absorber Anchor	24	For suspension of Ecophon Solo panels
	2647 2171 Connect Absorber Anchor Bit	5	4 mm allen key bit for Connect Absorber Anchor
	2647 4174 Connect Adjustable Wire Hanger Wire Length: 2000 mm	24	For hanging attachment of Solo panels to structure (6'-6" in length)
	2647 4180 Connect Adjustable Wire Hanger Wire Length: 5000 mm	24	For hanging attachment of Solo panels to structure (16'-4" in length)
	2630 0691 Connect Edge Sealant White*	1	For re-sealing cut edges (typically 100-150 lf/container); 1 liter Container
	2630 0048 Connect Absorber Bracket	24	For suspension of Solo™ clouds close to structure (50-70 mm). Used with Connect Absorber Anchor.
	2630 0049 Connect Absorber Bracket	24	For suspension of Solo™ clouds close to structure (70-90mm). Used with Connect Absorber Anchor.

*Connect Edge Sealant is available in all standard colors. Please contact your local Sales Representative or call 800-233-8990.

AVAILABLE HANGING OPTIONS



Connect Adjustable Wire Hanger



Connect Absorber Bracket



ACOUSTICAL PERFORMANCE

CONFIGURATION	FREQUENCY (HZ)						AVE. SABINS/UNIT @ NRC FREQUENCIES
	125	250	500	1000	2000	4000	
Square	5.38	9.69	20.45	30.14	30.14	27.99	22.6
Rectangle / 1200x3000	12.92	35.52	39.83	64.43	64.43	61.35	51.1
Rectangle / 1200x2400	9.69	20.45	38.75	57.05	57.05	53.82	43.3
Rectangle / 1200x1800	6.46	16.15	30.14	43.06	44.13	40.90	33.4
Rectangle / 600x2400	5.38	9.69	20.45	30.14	30.14	27.99	22.7
Circle / 800	2.15	3.23	8.61	12.92	12.92	11.84	9.4
Circle / 1200	3.23	8.61	16.15	24.76	24.76	22.60	18.6
Circle XL / 1600	6.46	16.15	26.91	40.90	41.98	40.90	31.5
SQ / 600x600	0.23	1.25	2.81	3.74	3.99	3.86	3.0
SQ / 600x600	0.47	2.48	5.58	7.44	7.91	7.67	5.9

PHYSICAL DATA

MATERIAL

Fiberglass

ASTM E1264 CLASSIFICATION

Type XII, Form 2, Pattern G

FIRE CLASS (ASTM E1264)

All are Class A per ASTM E84 & CAN S102
Flame Spread: 25 or less
Smoke Developed: 50 or less

MAINTENANCE

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

INSTALLATION CONSIDERATION

Acoustical calculations based on 600mm spacing and 1000mm depth of system at NRC frequencies.

MOLD/MILDEW RESISTANCE

Fiberglass substrate is inherently resistant to the growth of mold and mildew.

WARRANTY

10-year Ecophon Warranty increases to 15 years when installed with CertainTeed suspension systems. Full warranty information can be found at certainteed.com/warranty.



CertainTeed ARCHITECTURAL

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20 Moores Road, Malvern, PA 19355 800-366-4327 certainteed.com/architectural