

Ecophon® Solo™ Clouds

FIBERGLASS CLOUDS PANEL

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

Features & 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
- Most shapes can be glued to ceiling/wall or suspended on wall (NRC: 1.00)
- 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



WASHABLE



EMISSION
COMPLIANT
CERTIFIED



MOLD/MILDEW
RESISTANT
INHERENT



LR 0.85



FIRE RATING:
CLASS A

SOLO FREEDOM

Ecophon Solo Freedom enables endless design possibilities. Design almost any shape based on a 1200 x 1200 or 2400 x 1200 panel.

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: Low-Emitting Materials
- ✓ EQ: Daylight
- ✓ MR: Sourcing Raw Materials
- ✓ MR: Environmental Product Declarations (EPDs)
- ✓ MR: Construction and Demolition Waste Management Planning
- ✓ MR: Material Ingredients (C2C)

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

CERTIFICATIONS & PRODUCT DECLARATIONS



EPD AVAILABLE



CRADLE-TO-CRADLE:
SILVER CERTIFIED

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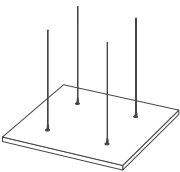
Colors



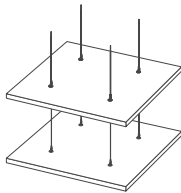
Configuration Suggestions



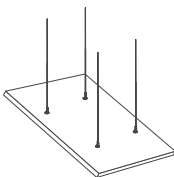
INDIVIDUAL SUSPENSION
Individual clouds can be easily suspended using standard factory anchors and adjustable aircraft hanger wire—no special tools required—for a clean, elegant look.



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.






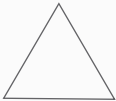
ANGLED
To add a sense of movement to your ceiling design, or to create a sculptural point of interest that doubles as sound absorption, Ecophon Solo clouds can be suspended at varying angles up to 60°.



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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	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					
	G3546 33741	1168 x 1168 x 40 (= 46 x 46 x 1-1/2)	18.6	2	53
Solo Hexagon					
	3544 2254	1040 x 1200 x 40 (= 41 x 47 x 1-1/2)	15.9	4	52

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
Triangle†	2.15	4.30	9.69	15.07	15.07	14.00	11.0
Hexagon†	3.23	6.46	14.00	21.53	21.53	19.38	18.6
Trapezoid†	4.44	7.99	16.86	24.86	24.86	23.08	18.6



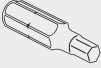




Average Sabins per unit calculations based on 1000 mm depth of system at NRC frequencies.

†Glue-up offers a 1.00 NRC, Contact Technical Services for application details.

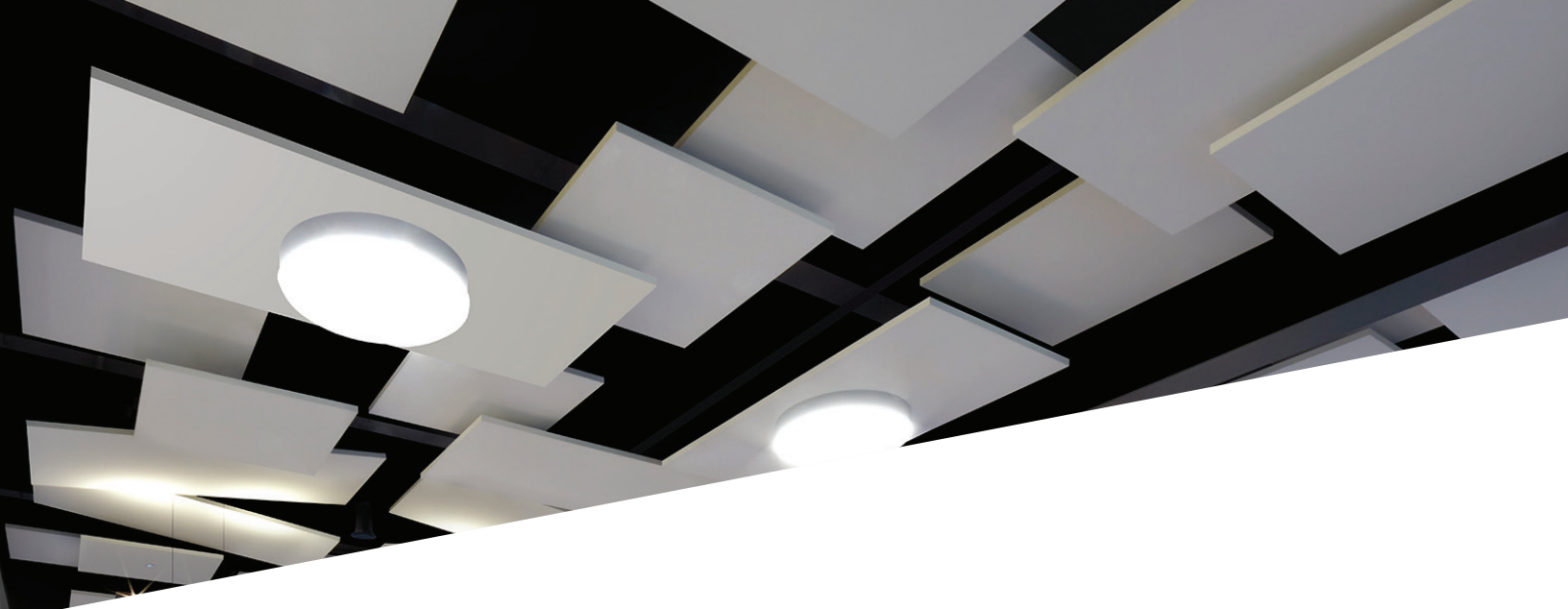
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Accessories

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.

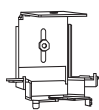
*Connect Edge Sealant is available in all standard colors. Please contact your local Sales Representative or call 800-233-8990.



Available Hanging Options



Connect
Adjustable
Wire Hanger



Connect
Absorber
Bracket

Physical Data

MATERIAL

Fiberglass

FLAME SPREAD/SMOKE DEV.

Per ASTM E84 — CAN/ULC S102

Flame Spread: 25 or less

Smoke Developed: 50 or less

(Class A per ASTM E1264)

ASTM E1264 CLASSIFICATION

ASTM E1264-22: Type XII, Form 2, Pattern E

ASTM E1264-23: Type B, Form B2, Pattern E

VOC EMISSIONS

Independently certified compliant with California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017.

MOLD/MILDEW RESISTANCE

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

INSTALLATION CONSIDERATION

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

MAINTENANCE

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

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

CEILINGS • GYPSUM • INSULATION • ROOFING • SIDING • TRIM
20 Moores Road, Malvern, PA 19355 800-233-8990 certainteed.com