

# Ecophon® Solo™ Baffles

## FIBERGLASS BAFFLES PANEL

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

### Features & Benefits

- Reduces excess noise to help create a more productive work environment in open spaces
- Frameless panels with fully painted edges enable two-sided sound absorption
- Create a multitude of contemporary looks with three different edge treatments: straight, wave, and zig zag
- Highly engineered Akutex™ FT surface in white finish has nearly perfect light diffusion (+99%)
- Multiple attachment options available; baffles are demountable
- Available in 22 standard colors

### 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

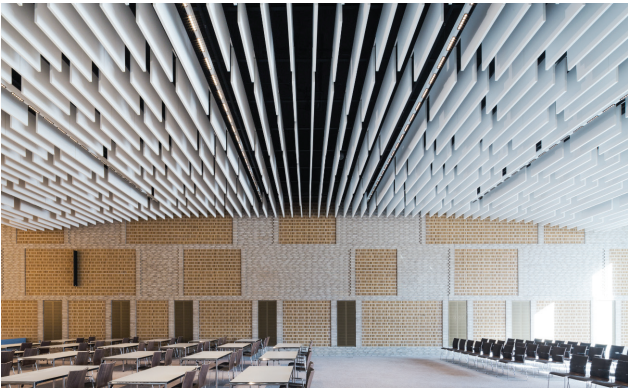
Photo: ©Peter Molick / Teekay Shipping, Houston, TX

Ecophon® Solo™ Baffles  
FIBERGLASS BAFFLES PANEL

Colors



Configuration Suggestions



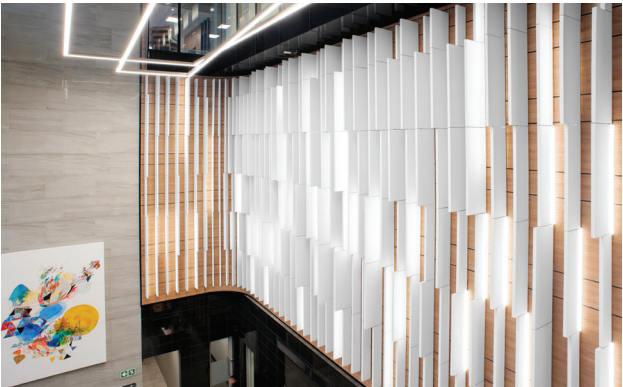
STAGGER THEM

Stagger baffles at varying intervals to create movement with unique angular or wave-like expressions.



MAKE WAVES

Achieve unique, angular, or flowing visuals across the ceiling plane by hanging standard wave and zig-zag baffles at varying intervals, creating a feeling of movement across the space.



GO VERTICAL

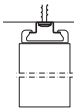
Break into a new visual plane — The Baffle Wall Fixing Accessory allows you to hang baffles on walls. Create stacked or staggered formations for unconventional visual effect on vertical surfaces.

# Ecophon® Solo™ Baffles

## FIBERGLASS BAFFLES PANEL

### Solo Baffle Anchor

For direct attachment applications.




**DIMENSIONS**  
MM(= IN.)

**AVG**  
**SABINS/**  
**UNIT**

**PIECES/**  
**CARTON**

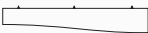
**LBS./**  
**CARTON**

#### Rectangle

	<b>3544 2101</b>	200 x 1200 x 40 (= 8 x 48 x 1-1/2)	3.2	10	23
	<b>3544 2100</b>	300 x 1200 x 40 (= 12 x 48 x 1-1/2)	3.5	10	34
	<b>3544 2104</b>	600 x 1200 x 40 (= 24 x 48 x 1-1/2)	7.1	5	34
	<b>3544 7570</b>	200 x 1800 x 40 (= 8 x 72 x 1-1/2)	5.4	8	36
	<b>3544 6739</b>	300 x 1800 x 40 (= 12 x 72 x 1-1/2)	5.9	8	50
	<b>3544 7849</b>	600 x 1800 x 40 (= 24 x 72 x 1-1/2)	8.1	4	50


	<b>DIMENSIONS</b> MM(= IN.)	<b>AVG</b> <b>SABINS/</b> <b>UNIT</b>	<b>PIECES/</b> <b>CARTON</b>	<b>LBS./</b> <b>CARTON</b>
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#### Wave

	<b>3544 8101</b>	300 x 1800 x 40 (= 12 x 72 x 1-1/2)	5.9	4	30
	<b>3544 8100</b>	600 x 1800 x 40 (= 24 x 72 x 1-1/2)	7.8	4	50

	<b>DIMENSIONS</b> MM(= IN.)	<b>AVG</b> <b>SABINS/</b> <b>UNIT</b>	<b>PIECES/</b> <b>CARTON</b>	<b>LBS./</b> <b>CARTON</b>
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#### Zig Zag

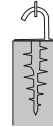
	<b>3544 8001</b>	300 x 1800 x 40 (= 12 x 72 x 1-1/2)	5.7	4	30
	<b>3544 8000</b>	600 x 1800 x 40 (= 24 x 72 x 1-1/2)	7.8	4	51

**CAN'T FIND A SIZE?** Contact your local Sales Representative or call 800-233-8990

\*# of Hooks/Anchors per panel:  
2 per panel when panel is up to 1600mm in length  
3 per panel when panel is 1601mm or longer

### Solo Baffle Hook

For adjustable hanging applications from plenum or suspended ceilings




**DIMENSIONS**  
MM(= IN.)

**AVG**  
**SABINS/**  
**UNIT**

**PIECES/**  
**CARTON**

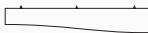
**LBS./**  
**CARTON**

#### Rectangle

	<b>3544 2619</b>	200 x 1200 x 40 (= 8 x 48 x 1-1/2)	3.2	10	23
	<b>3544 2090</b>	300 x 1200 x 40 (= 12 x 48 x 1-1/2)	3.5	10	34
	<b>3544 2632</b>	600 x 1200 x 40 (= 24 x 48 x 1-1/2)	7.1	5	34
	<b>3544 7852</b>	200 x 1800 x 40 (= 8 x 72 x 1-1/2)	5.4	8	36
	<b>3544 7851</b>	300 x 1800 x 40 (= 12 x 72 x 1-1/2)	5.9	8	50
	<b>3544 7850</b>	600 x 1800 x 40 (= 24 x 72 x 1-1/2)	8.1	4	50


	<b>DIMENSIONS</b> MM(= IN.)	<b>AVG</b> <b>SABINS/</b> <b>UNIT</b>	<b>PIECES/</b> <b>CARTON</b>	<b>LBS./</b> <b>CARTON</b>
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#### Wave

	<b>3544 8105</b>	300 x 1800 x 40 (= 12 x 72 x 1-1/2)	5.9	4	30
	<b>3544 8104</b>	600 x 1800 x 40 (= 24 x 72 x 1-1/2)	7.8	4	50

	<b>DIMENSIONS</b> MM(= IN.)	<b>AVG</b> <b>SABINS/</b> <b>UNIT</b>	<b>PIECES/</b> <b>CARTON</b>	<b>LBS./</b> <b>CARTON</b>
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#### Zig Zag

	<b>3544 8005</b>	300 x 1800 x 40 (= 12 x 72 x 1-1/2)	5.7	4	30
	<b>3544 8004</b>	600 x 1800 x 40 (= 24 x 72 x 1-1/2)	7.8	4	51

## Acoustical Performance

CONFIGURATION	FREQUENCY (HZ)						AVE. SABINS/UNIT @ NRC FREQUENCIES
	125	250	500	1000	2000	4000	
1200 Baffle / 200	1.08	2.15	2.15	4.31	4.31	4.31	3.2
1200 Baffle / 300	2.15	3.23	2.15	4.31	4.31	4.31	3.5
1200 Baffle / 600	4.73	2.91	7.32	9.26	8.83	9.04	7.1
1800 Baffle / 200	1.08	4.31	4.31	6.46	6.46	6.46	5.4
1800 Baffle / 300	2.15	4.31	4.31	7.53	7.53	7.53	5.9
1800 Baffle / 600	4.31	4.31	7.53	10.76	9.69	9.69	8.1
Zig-Zag Baffle / 200-300	1.08	4.31	4.31	6.46	7.53	7.53	5.7
Zig-Zag Baffle / 300-600	3.23	5.38	6.46	9.69	9.69	9.69	7.8
Wave Baffle / 200-300	2.15	4.31	4.31	7.53	7.53	7.53	5.9
Wave Baffle / 300-600	3.23	5.38	6.46	9.69	9.69	9.69	7.8

**INSTALLATION CONSIDERATION:** Calculations based on 600 mm spacing at NRC frequencies.

# Ecophon® Solo™ Baffles

## FIBERGLASS BAFFLES PANEL

### Accessories

SOLO™ BAFFLE		PRODUCT NAME	PIECES/ CARTON	USE
	2630 0691	Connect Edge Sealant White*	1	For re-sealing cut edges (typically 100-150 lf/container); 1 liter container
	2630 1201	Connect Baffle Clip	100	For attaching Solo Baffle Hook panels to acoustical ceiling grid
	2631 1271	Connect Baffle Anchor	10	Comes pre-installed in Solo Baffle Anchor panels (can be ordered separately for custom installations)
	2631 1272	Connect Baffle Hook	10	Comes pre-installed in Solo Baffle Hook panels (can be ordered separately for custom installations)
	2631 1768	Connect Guiding Pin	100	For use between Solo Baffle Anchor products to maintain visual gap between panels
	2631 1770	Connect Profile Connector	50	For use when running multiple lengths of Connect Baffle Profile end-to-end
	2630 0362	Connect Baffle Profile	20	For attaching Solo Baffle Anchor products to the structure
	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 0047	Baffle Wall Fixing	24	For attaching Solo Baffles directly to the wall (compatible with Solo Baffle Anchor only)

\*Connect Edge Sealant is available in all standard colors.



Photo: ©Peter Molick / Teekay Shipping, Houston, TX

## 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.

### MAINTENANCE

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

### WARRANTY

10-year 104/90 Limited Warranty increases to 15 years when installed with CertainTeed suspension systems. Full warranty information can be found at [certainteed.com/warranty](https://certainteed.com/warranty).



## CertainTeed

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20 Moores Road, Malvern, PA 19355 800-233-8990 [certainteed.com](https://certainteed.com)