

# Ecophon® Master™ A, E

## DESIGNER SERIES

High Density Fiberglass Ceilings

### Features & Benefits:

- Superior sound absorption.
- Multiple suspension profiles.
- Three different surface treatments allows for unique fine-tuning of acoustic design.
- Suitable for use as a component in certain clean room assemblies (ISO 14644-1 Class 5/Fed. Std. 209E Class 100/M3.5).
- Moisture resistant.
- Akutex FT white finish has perfect light diffusion (+99%).
- Available in 9 colors (see pg. 16).
- Recommended by Swedish Asthma and Allergy Association.

### Applications:

- Auditoriums
- Educational
- Music Rooms

### Relative Installed Cost:

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DESIGNER SERIES

### LEED 2009: NC, CI, & Schools

### LEED 2009 for Schools

Optimize Energy	Building Reuse	Waste Management	Recycled Content	Regional Materials	Renewable Materials	Daylight & Views	Acoustic Performance	Low-emitting
◆	◆	◆	◆			◆	◆	◆

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High Density Fiberglass Ceilings



Ecophon®  
SAINT-GOBAIN

DESIGNER SERIES

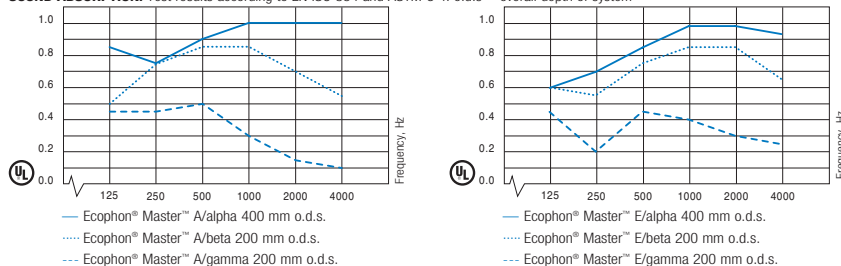
## Attributes:

ITEM NUMBER	NOMINAL SIZE (Inches)	EDGE DETAIL	NRC	CAC	AC	LR	RECYCLED CONTENT %	ISO SOUND ABSORPTION CLASS
<b>ECOPHON® MASTER™ A</b>								
<b>Painted Square Edge</b>								
3544 1034 alpha	24 x 24 x 1-1/2	Trim	0.95	30	200	0.85	75	A
3540 1033 alpha	24 x 48 x 1-1/2	Trim	0.95	30	200	0.85	75	A
3544 1072 alpha	48 x 48 x 1-1/2	Trim	0.95	30	200	0.85	75	A
3544 1035 beta	24 x 24 x 1-1/2	Trim	0.65	30	—	0.85	75	C
3544 1069 beta	24 x 48 x 1-1/2	Trim	0.65	30	—	0.85	75	C
3544 1079 beta	48 x 48 x 1-1/2	Trim	0.65	30	—	0.85	75	C
3544 1036 gamma	24 x 24 x 1-1/2	Trim	0.35	30	—	0.85	75	E
3544 1360 gamma	24 x 48 x 1-1/2	Trim	0.35	30	—	0.85	75	E
3544 1037 gamma	48 x 48 x 1-1/2	Trim	0.35	30	—	0.85	75	E
<b>ECOPHON® MASTER™ E</b>								
3544 2031 alpha	24 x 24 x 1-1/2	Reveal	0.90	31	190	0.85	75	A
3540 2275 alpha	24 x 48 x 1-1/2	Reveal	0.90	31	190	0.85	75	A
3544 2273 alpha	48 x 48 x 1-1/2	Reveal	0.90	31	190	0.85	75	A
3544 2307 beta	24 x 24 x 1-1/2	Reveal	0.75	31	—	0.85	75	C
3544 2299 beta	24 x 48 x 1-1/2	Reveal	0.75	31	—	0.85	75	C
3544 2258 beta	48 x 48 x 1-1/2	Reveal	0.75	31	—	0.85	75	C
3544 2301 gamma	24 x 24 x 1-1/2	Reveal	0.30	31	—	0.85	75	D
3544 2297 gamma	24 x 48 x 1-1/2	Reveal	0.30	31	—	0.85	75	D
3544 2289 gamma	48 x 48 x 1-1/2	Reveal	0.30	31	—	0.85	75	D

ASTM E 1264 Classification: Type XII, Form 2, Pattern G, Fire Class A

## Acoustics:

**SOUND ABSORPTION:** Test results according to EN ISO 354 and ASTM C 4. o.d.s = overall depth of system



UNIT SIZE TESTED (Inches)	SOUND ABSORPTION COEFFICIENTS – E-400 MOUNTING					
	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz
<b>ECOPHON® MASTER™ PROTEC A</b>						
24 x 24 x 1-1/2	0.83	0.78	0.93	0.99	1.00	1.00

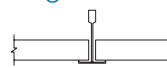


SECTION OF MASTER™ A SYSTEM

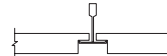


SECTION OF MASTER™ E SYSTEM

## Edge Details:



**TRIM EDGE**  
(Square) 15/16" Grid



**REVEAL EDGE**  
15/16" Grid

## Product Features at a Glance:

- COLOR AVAILABILITY
- HIGH DURABILITY
- RESISTS SAGGING
- HIGHLY DECORATIVE
- NOISE REDUCTION
- HIGH LIGHT REFLECTANCE



For detailed installation instructions, visit [www.certainteed.com/ceilings](http://www.certainteed.com/ceilings)

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