

Ecooustic® Ceiling Flats

Highly functional, decorative ceiling tiles
for new and existing grid systems



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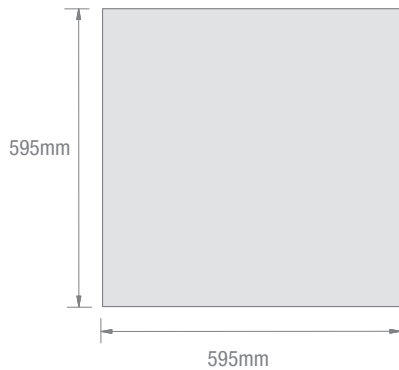


INSTYLE

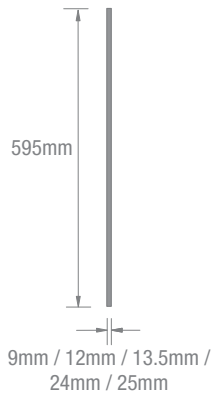
Ecoustic® Ceiling Flats

Front View

600 Tile: 595 x 595mm

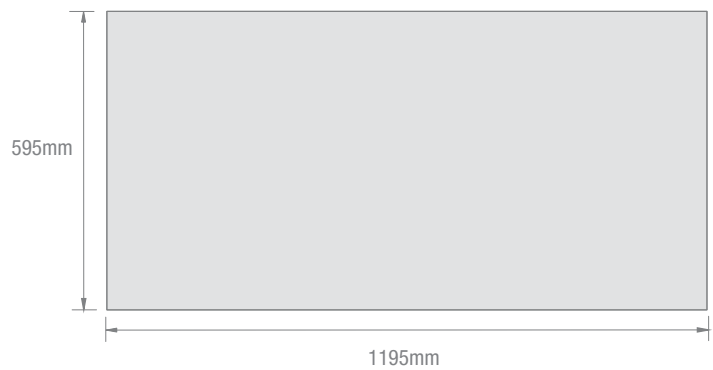


Side View



Front View

1200 Tile: 1195 x 595mm



PRODUCT

Ecoustic® Ceiling Flats

DESCRIPTION

Highly functional, decorative ceiling tiles designed to fit into new and existing grid systems, available in 9mm, 12mm, 13.5mm, 24mm + 25mm thickness

COMPOSITION

100% PET (13.5mm, 25mm: <60% recycled PET)

DIMENSIONS

600 Tile: 595mm (w) x 595mm (h)
1200 Tile: 1195mm (w) x 595mm (h)
Drops into new or existing T-Frame suspended ceiling systems with a nominal 600 x 600mm or 1200 x 600mm grid

THICKNESS

Available in five thicknesses: 9mm, 12mm, 13.5mm, 24mm and 25mm

ACOUSTIC

SC 9mm: NRC 0.85 / α_w 0.78 (200mm airgap)
SC 12mm: NRC 0.85 / α_w 0.8 (200mm airgap)
13.5mm: NRC 0.85 / α_w 0.85 (400mm airgap)
SC 24mm: NRC 0.95 / α_w 0.95 (200mm airgap)
25mm: NRC 0.9 / α_w 0.9 (400mm airgap)
Refer to acoustic graph on next page

FIRE TEST

AS/ISO 9705

Group 1
SMOGRA <100

APPLICATION

Drop-in ceiling tiles

WARRANTY

A 12 month warranty is provided against manufacturing defects. This applies to internal installation only, outdoor use will void any warranty

Designed for the Environment

- Ecoustic® Ceiling Flats 13.5mm + 25mm: <60% recycled content, EPD + Greentag Level A certified
- SC is ISO 14001-certified EMS + Cradle to Cradle Bronze certified



Building Rating Systems: Ceiling Flats will contribute the following points for Green Star, LEED + WELL building standards.

Criteria	Green Star	LEED	WELL
Recycled Content Felt 13.5mm + 25mm	✓	✓	NA
Low VOC	✓	✓	✓
Stewardship - Recycling	✓	✓	NA
Manufacturer Certified EMS SC Panel	✓	NA	NA
EPD Felt 13.5mm + 25mm	✓	✓	NA
Declare Label	NA	✓	✓
Greentag Level A Certification Felt 13.5mm + 25mm	✓	✓	✓
C2C Certification SC Panel	-	✓	✓
Toxic Material Reduction	NA	NA	✓
Sound Reducing Surfaces	NA	NA	✓

HOW TO SPECIFY

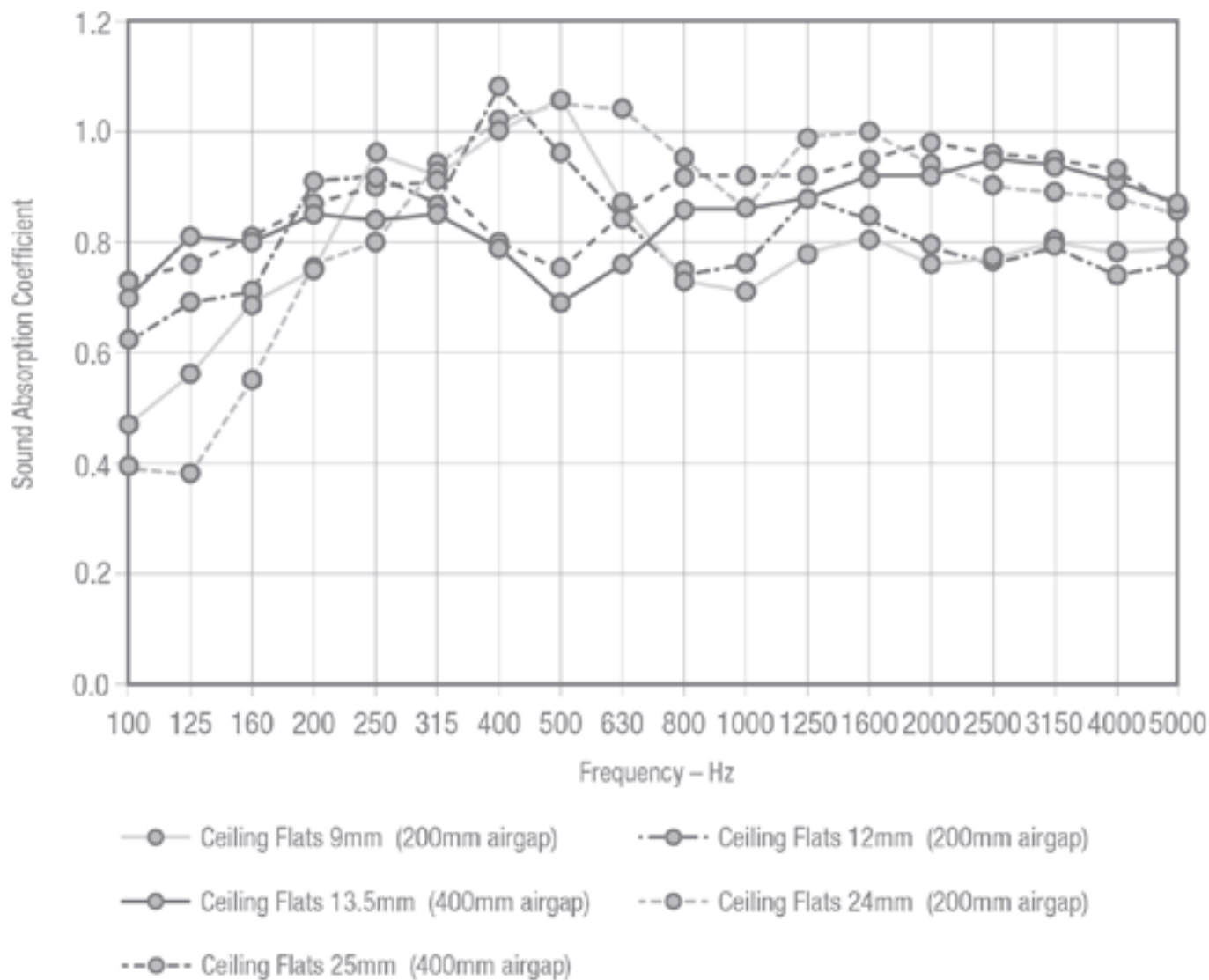
PRODUCT	Ecoustic® Ceiling Flats
TILE SIZE	600 Tile or 1200 Tile
THICKNESS	9mm, 12mm, 13.5mm, 24mm or 25mm
COLOUR	Select from relevant colours for nominated thickness: Ecoustic® Felt or SC

Please contact your representative for CAD drawings

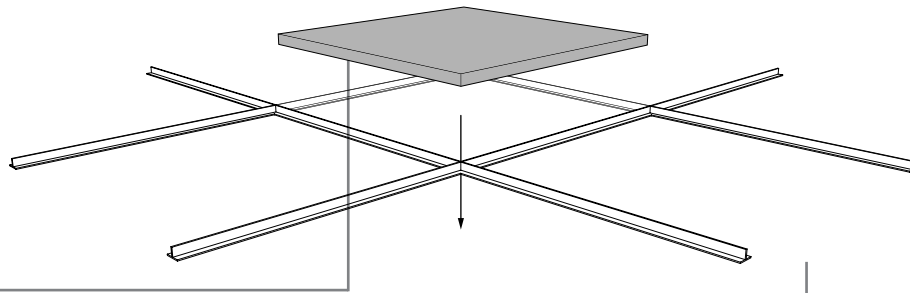
INSTYLE

Acoustic Performance

Ecoustic® Ceiling Flats SC 9mm	NRC 0.85 / α_w 0.78 (200mm airgap)
Ecoustic® Ceiling Flats SC 12mm	NRC 0.85 / α_w 0.8 (200mm airgap)
Ecoustic® Ceiling Flats 13.5mm	NRC 0.85 / α_w 0.85 (400mm airgap)
Ecoustic® Ceiling Flats SC 24mm	NRC 0.95 / α_w 0.95 (200mm airgap)
Ecoustic® Ceiling Flats 25mm	NRC 0.90 / α_w 0.90 (400mm airgap)



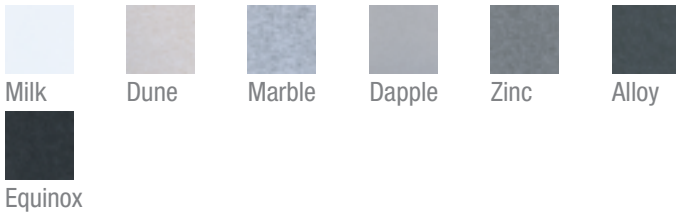
Ecoustic® Ceiling Flats Components



Ecoustic® Ceiling Flats (per box in a single colour)
 9, 12 + 13.5mm: 16 x 600 Tiles / 8 x 1200 Tiles
 24 + 25mm: 8 x 600 Tiles / 4 x 1200 Tiles

Drop Ceiling Frame
 15mm + 24mm Exposed Tee grid system
 [Not supplied]

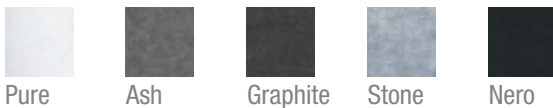
Ecoustic® SC 9mm



Ecoustic® SC 12mm



Ecoustic® SC 24mm



Ecoustic® Panel 13.5mm + 25mm



IMPORTANT

Drop Ceiling Specification: Ecoustic® Ceiling Flats are designed to be compatible with 15mm and 24mm Exposed Tee grid systems. Ensure the tile is suitable for your selected system prior to ordering.

Moisture Absorption: After four days at 50°C, 95% RH the moisture absorbency of SC 12mm and SC 24mm was less than 0.3% and 2.9% by weight respectively. Ecoustic® Felt 13.5mm + 25mm: Exposure to an atmosphere of 50% and 95% RH for four days provides moisture absorption of less than 0.2% per volume. As Ecoustic® Ceiling Flats is 100% polyester, it will not degrade over time due to moisture, mildew or rot in office environments.

Fixtures: Any fixtures must be supported independent to the Ecoustic® Ceiling Flats tile. The tiles can be cut on site to accommodate for new and existing lighting and fixtures. When cutting use a new blade for each cut and ensure the area to be cut is fully supported throughout. Cut from the tile face with care.

HVAC: Ensure Ecoustic® Ceiling Flats are compliant with the specified HVAC system. Ecoustic® Ceiling Flats are recommended for Ducted Return Air and is not Plenum Return Air rated.

Back Loading: Ecoustic® Ceiling Flats are not suitable for back loading. Loads must be supported independently by the grid or through the use of additional fixtures.

Toxicity: Polyester is non-toxic and is classed the same as wood under the State of New York Article 15 Part 1120. Ecoustic® Ceiling Flats do not contain any Red List Chemicals (USA EPA).

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