

# Rigitone® Edge Activ'Air® ASTRA

DECORATIVE AND ACOUSTIC PANEL FOR  
SEAMLESS MONOLITHIC CEILINGS

## Characteristics



**Acoustic Control:** Sound absorption of  $\alpha_w$  up to 0.70 / NRC up to 0.70 (with 60 mm glass wool and 200 mm plenum)



**Indoor Air Quality:** VOC emission class A+ (ISO 16000-6). Featuring Activ'Air® technology, which captures up to 70% of formaldehyde from indoor air, ensuring the healthiest air quality and comfort over a 50-year lifetime\*.



**Dimensional stability:** Durable and robust ceilings solution. Max load 3 kg/m<sup>2</sup>. Should be installed and used in areas with a relative humidity not exceeding 70% for prolonged periods or temperature exceeding 45° C.



**Ease of installation:** Compatible with common ceilings metal framing systems. Chamfered edges, for quick and easy installation and optimal jobsite efficiency. Non demountable system.



**Maintenance:** Can be repainted repeatedly with a short-haired roller, without compromising acoustic performance (no spray-paint).



**Sustainability:** Made of infinitely recyclable gypsum, water and recycled paper liner.



**Fire Performance:** Fire reaction A2-s1,d0 (EN 13501-1).

\* Formaldehyde reduction is based on experimental data following ISO16000-23 standards from 0.4m<sup>2</sup> to 1.4m<sup>2</sup> installed/m<sup>3</sup> room. Lifetime has been confirmed experimentally and analytically on a commercial board sample in the frame of a collaborative work with independent certified body UL and Pr J. Zhang, University of Syracuse, expert in Environmental Chemistry and Engineering, Mechanical ventilation and Indoor air quality.

## Product Description

*Astra* is a high-performance acoustic ceiling panel from the Rigitone® Edge STAR Series, designed to transform interiors with a unique graphic effect.

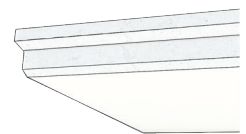
Featuring round perforations arranged both structured and randomly across the whole surface, the *Astra* pattern offers a play of perspectives: linear in one direction, with a gradual dispersion in the other, evoking a shower of moving stars.

Ideal for spaces where artistic expression meets acoustic comfort, the *Astra* panel combines sound absorption, aesthetics, and durability, making it ideal for spaces where people gather, such as offices, halls, auditoriums, educational and healthcare buildings, or hotels.

### Rigitone® Edge



**Rigitone® Edge** boards feature **chamfered** edges, designed for quick and easy installation while ensuring optimal use of jointing compound. A smart solution for jobsite efficiency. Available on a selected range of perforation designs. Contact us to learn more.



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## Chamfered Edge

Concealed metal profiles



## Technical Data

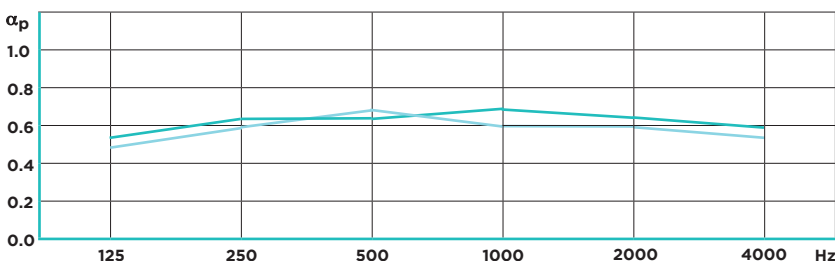
Technical data	Value
Edge	Chamfered, all four sides, sanded and primed from production
Modular size	1188 x 1980 mm
Thickness	12.5 mm
Weight	Approx 10 kg/m <sup>2</sup> , depending on perforation
Colour	Unpainted
Perforation	Round Ø 8 mm with random plain areas 82 mm and 118 mm long, perforation rate 12%
Reaction to Fire (Board)	A2-s1, d0 (according to EN 13501-1)
Indoor Air Quality	A+ (Eurofins test report according to ISO 16 000)

## Acoustic Properties

The acoustic measurements meet the requirements of ISO 354. The construction height specifies the distance between the undersides of the suspended ceiling and the existing floor/ceiling construction. The sound absorption is affected by construction height and by any mineral wool installed behind them.

Acoustic tissue options: Black; White; Without tissue (available on order).

Practical absorption coefficient  $\alpha_p$



Suspension Distance	Glass Wool	Frequency						$\alpha_w$ value	NRC value	Absorption Class
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz			
200 mm	60 mm	0.55	0.65	0.65	0.70	0.65	0.60	0.70	0.65	C
200 mm	none	0.50	0.60	0.70	0.60	0.60	0.55	0.65	0.65	C

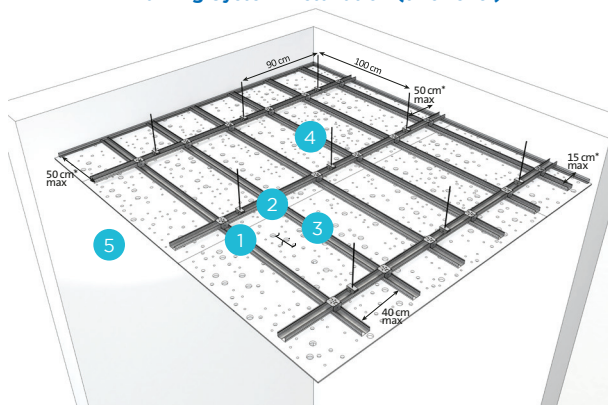
## Installation Principles

### Framing System Components

Example based on Rigi 60 metal framing system and Rigitone® Mix jointing kit.

- 1** Rigitone® Rigi 60 Bracket
- 2** Rigitone® Rigi 60 Cross Connector
- 3** Rigitone® Rigi 60 Furring Profile
- 4** Rigitone® Rigi 60 Channel
- 5** Rigitone® Rigi 60 Extension Connector

### Framing System Installation (two-level)



### Jointing Kit Components

- Rigitone® Mix gun
- Nozzle
- Scraper
- Screw head spatula
- 2 Caps
- Cleaning brush
- Rigitone® Mix refill (not supplied with the kit)

Rigitone® Edge boards comply with NF EN 14190 standard



\*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions)