

METINNO® ARCO

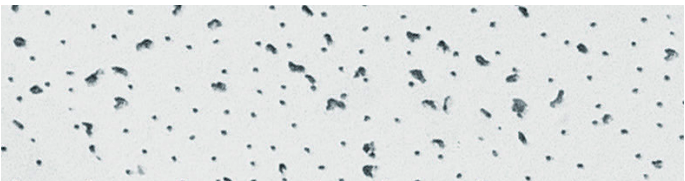
MINERAL FIBRE CEILING TILE



Features and Benefits

- **Balanced Acoustics.** High-NRC and High-CAC balance room acoustics and sound attenuation are ideal for general commercial construction.
- Excellent combination of noise reduction and sound attenuation.
- 360° non-directional pattern with a fresh, clean appearance that allows for fast, efficient installation.
- Cost-effective all-purpose ceiling pattern solution.
- Fire-resistant system for life, safety, and property protection.
- Available in HRC (High Recycled Content) for optimized recycled content formulations to help maximize LEED® recycled content contribution and sound absorption.
- Certificated for Environmental Product Declaration (EPD) as per ISO 14025
- Comes with a 30-year warranty.
- Washable paint.

Surface Texture



Absorption Coefficient

Frequency, Hz	125	250	500	1000	2000	4000	NRC
15mm	0.40	0.35	0.45	0.60	0.70	0.70	0.50

Applications

Education	Corridors
Cafeterias	Libraries
Open office plans	Basement

Table of Performance



EN 13964 : 2014 + A1 : 2007



PRODUCT CERTIFIED
FOR LOW VOC EMISSIONS



PRODUCT CERTIFIED
FOR ENVIRONMENTAL
PRODUCT DECLARATION



HIGH SOUND
ABSORPTION



CEILING
ATTENUATION CLASS



FIRE RATING



HIGH RECYCLED
CONTENT

Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mould & Mildew/ Sag Resistance	Fire Rating	Recycled Content	VOC Emission
SQ	AR1260S	600*1200*15	0.50	37	85%			56%	Low

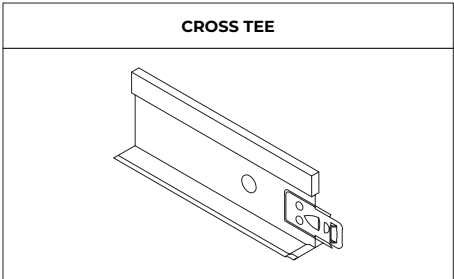
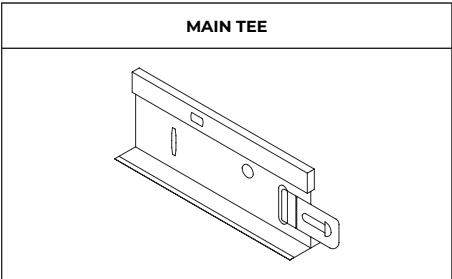
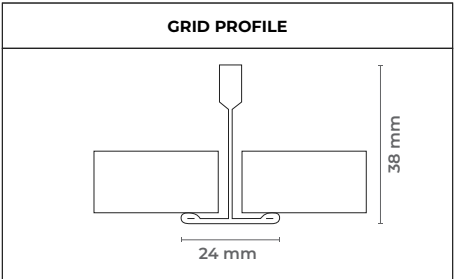
Low Emission (VOC)

Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment. Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818, Section 7.1 and 7.2. UL.

High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

METINNO® CLIQ GRID



SPECIFICATION DETAILS

Metinno® Arco Acoustic Ceiling Tiles meet specifications in accordance with ASTM E1264 and EN13964.

Materials Classification

Type: III,
Form: 2,
Pattern: C,D, E

Substrate and Surface Finish

Mineral fiber substrate finished with factory-applied water-based paint

Thickness

15mm

Size

600 x 1200mm

Edge Detail Trim

Square

Weight

15mm [5.1 kg/m²]

Noise Reduction Coefficient [NRC]

[0.50]

Ceiling Attenuation Class [CAC]

[37 dB]

Humidity Resistance

Maximum 99% RH / 40°C

Light Reflectance Coefficient [LR]

0.85

Colour

Standard White

Surface Burning Characteristics as per ASTM E84

Class A

Reaction to Fire as per EN 13501-1

Euroclass A2-s1, d0

Fire Rating as per BS 476

1hr Time-rated assembly

Thermal Conductivity

$\lambda = 0.057 \text{ W/m}^{\circ}\text{K}$

Washability / Scrubbability as per ASTM D4828 & D2486

Exceeds 1000 wash/scrub cycles without surface break or the extent of abrasion upon request

VOC Class

Greenguard & Greenguard Gold

Formaldehyde Classification

Class E1 as per EN717-1

Relevant LEED® Credit

EA Credit 1 | MR Credit 4 | MR Credit 5 |
MR Credit 6 | IEQ Credit 3 | IEQ Credit 3.2 |
IEQ Credit 4.6 | IEQ Credit 8.1 | IEQ Credit 9