

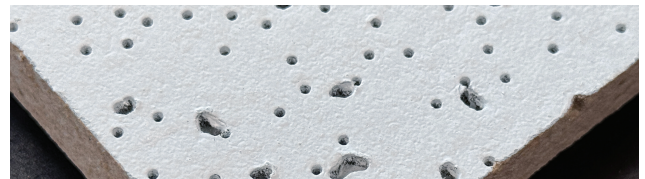
# METINNO ARCO®

**30**  
YEAR  
WARRANTY

## 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 offered in many sizes and edge details.
- Available in HRC (High Recycled Content) for optimized recycled content formulations to help maximize LEED® recycled content contribution and sound absorption.
- Certified for Environmental Product Declaration (EPD) as per ISO 14025.
- Recommended to be used with METINNO Cliq® grid.
- Comes with a 30-year warranty.

## 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

*\*Calculated to ASTM C 423-01*

## Applications

Education

Corridors

Cafeterias

Libraries

Open office plans

Retail stores

Basement

# Table of Performance



EN 13964 : 2014 + A1 : 2017



PRODUCT CERTIFIED FOR LOW VOC EMISSIONS



PRODUCT CERTIFIED FOR LOW VOC EMISSIONS



PRODUCT CERTIFIED FOR ENVIRONMENTAL PRODUCT DECLARATION



HIGH SOUND ABSORPTION



CEILING ATTENUATION CLASS



ANTI-MOULD & MILDEW / SAG RESISTANCE



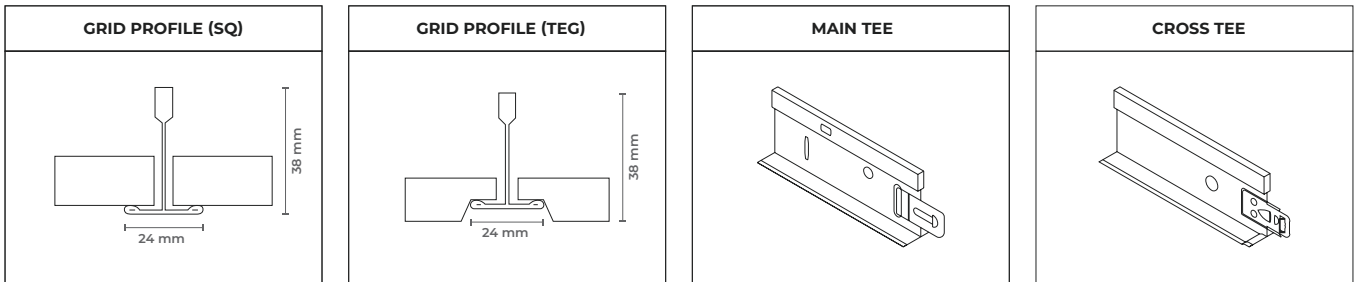
FIRE RATING



HIGH RECYCLED CONTENT

Edge Detail	Product Code	Size (mm)	NRC	CAC	Anti-Mould & Mildew / Sag Resistance	Fire Rating	Recycled Content	VOC Emission
SQ	AR1260S	600*1200*15	0.50	36			39%	Low
SQ	AR12261S	610*1220*15	0.50	36			39%	Low
TEG	AR1260T	600*1200*15	0.50	36			39%	Low
TEG	AR6060T	600*600*15	0.50	36			39%	Low

## METINNO CLIQ® GRID



## SPECIFICATION DETAILS

<p>METINNO Arco® Mineral Fibre Acoustic Ceiling Tiles meet specifications in accordance with ASTM E1264, EN13964, and AS 5637.1:2015.</p> <p><b>Materials Classification (Arco &amp; Arco Imperial)</b> Type: A Form: A1.2 Pattern: C, D, E</p> <p><b>Substrate and Surface Finish</b> Mineral fibre substrate finished with factory-applied water-based paint</p> <p><b>Thickness</b> 15mm</p> <p><b>Size</b> SQ 600*1200mm, 610*1220mm TEG 600*1200mm, 600*600mm</p> <p><b>Edge Detail Trim</b> Square, Tegular</p>	<p><b>Weight</b> 15mm [3.6 kg/m<sup>2</sup>]</p> <p><b>Noise Reduction Coefficient [NRC]</b> [0.50]</p> <p><b>Ceiling Attenuation Class [CAC]</b> [36 dB]</p> <p><b>Humidity Resistance</b> Maximum 99% RH / 40°C</p> <p><b>Colour</b> Standard White</p> <p><b>Mould Prevention Application as per ASTM D3273</b> Rate 10: Resistant to mould growth</p> <p><b>Fire Rating</b> Conforms with NCC Spec as tested to AS 5637.1:2015 - Group 1</p>	<p><b>Thermal Conductivity</b> <math>\lambda = 0.057 \text{ W/m}^2\text{K}</math></p> <p><b>Washability / Scrubbability as per ASTM D4828 &amp; D2486</b> Exceeds 1000 wash/scrub cycles without surface break or the extent of abrasion upon request</p> <p><b>VOC Class</b> Greenguard &amp; Greenguard Gold</p> <p><b>Formaldehyde Classification</b> Class E1 as per EN717-1</p> <p><b>Relevant LEED® Credit</b> 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</p>
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