

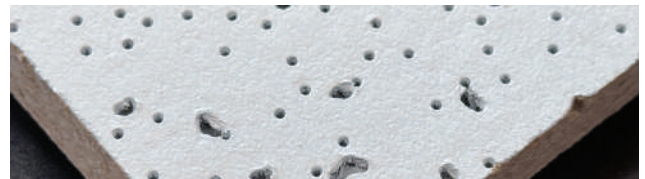
METINNO ARCO® & ARCO IMPERIAL®

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.
- Certificated 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 : 2007




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

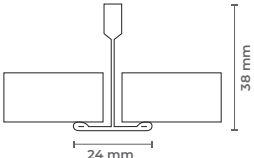


HIGH RECYCLED
CONTENT

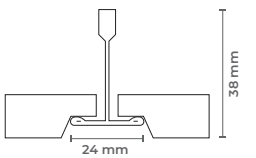
Edge Detail	Product Code	Size (mm)	NRC	CAC	Anti-Mould & Mildew / Sag Resistance	Recycled Content	VOC Emission
							
SQ	AR1260S	600*1200*15	0.50	36		39%	Low
SQ	AR12261S	610*1220*15	0.50	36		39%	Low
TEG	AR1260T	600*1200*15	0.50	36		39%	Low
TEG	AR6060T	600*600*15	0.50	36		39%	Low

METINNO CLIQ® GRID

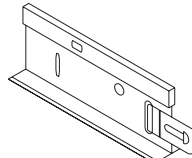
GRID PROFILE (SQ)



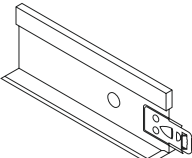
GRID PROFILE (TEG)



MAIN TEE



CROSS TEE



SPECIFICATION DETAILS

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

Materials Classification (Arco & Arco Imperial)
Type: A
Form: A1.2
Pattern: C,D, E

Substrate and Surface Finish
Mineral fibre substrate finished with factory-applied water-based paint

Thickness
15mm

Size
SQ 600*1200mm, 610*1220mm
TEG 600*1200mm, 600*600mm

Edge Detail Trim
Square, Tegalur

Weight
15mm [3.6 kg/m²]

Noise Reduction Coefficient [NRC]
[0.50]

Ceiling Attenuation Class [CAC]
[36 dB]

Humidity Resistance
Maximum 99% RH / 40°C

Colour
Standard White

Mould Prevention Application as per ASTM D3273
Rate 10: Resistant to mould growth

Surface Burning Characteristics as per ASTM E84
Class A

Reaction to Fire as per EN 13501-1
Euroclass A2-s1, d0

Thermal Conductivity
λ = 0.057 W/m²K

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