

METINNO SOFITO® & SOFITO PLUS®



Features and Benefits

- Balanced Acoustics. High-NRC and High-CAC.
- Excellent combination of noise reduction and sound attenuation.
- Excellent for critical lighting applications that require High Light Reflectance.
- High Humidity Resistance up to RH-99%.
- Light granulated surface texture with virtually invisible microperforation for a smoother look than standard perforations.
- Certificated for Environmental Product Declaration (EPD) as per ISO 14025.
- Fire-resistant system for life, safety, and property protection.
- HRC (High Recycled Content) for optimized recycled content formulations to help maximize LEED® recycled content contribution and sound absorption.
- Ideal solutions for classroom and educational facilities.
- Comes with a 30-year warranty.

- Panel faces, and back surfaces are treated with a patented, broad-spectrum antimicrobial standard formulation that inhibits mold growth.

Surface Texture



Absorption Coefficient

Frequency, Hz	125	250	500	1000	2000	4000	NRC
15mm	0.35	0.35	0.50	0.65	0.60	0.50	0.55
19mm	0.45	0.50	0.75	0.85	0.80	0.65	0.70

Applications

Classrooms

Libraries

Corridors and stairwell

Reception and lobby areas

Restaurant and cafe

Sports hall

General offices

Shopping centers

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



ANTI-MOULD &
MILDEW / SAG
RESISTANCE



AVAILABLE IN
CONCEALED EDGE



HIGH RECYCLED
CONTENT

Edge Detail	Product Code	Size (mm)	NRC	CAC	Anti-Mould & Mildew / Sag Resistance	Recycled Content	VOC Emission
SQ	SO1260S	600*1200*15	0.55	35		39%	Low
SQ	SP1260S	600*1200*19	0.70	37		82%	Low
TEG	SO1260T	600*1200*15	0.55	35		39%	Low
TEG	SO6060T	600*600*15	0.55	35		39%	Low
TEG	SP1260T	600*1200*19	0.70	37		82%	Low
TEG	SP6060T	600*600*19	0.70	37		82%	Low

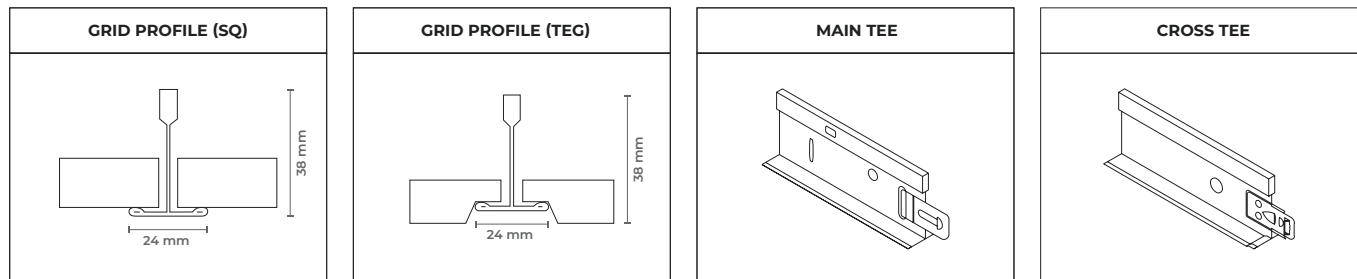
< Low Emission (VOC)

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.

HRC 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 Sofito® and Sofito Plus® Acoustic Ceiling Tiles meet specifications in accordance with ASTM E1264 and EN13964.

Materials Classification

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

Substrate and Surface Finish

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

Thickness

15mm

Size

SQ 600*1200mm
TEG 600*1200mm, 600*600mm

Edge Detail Trim

Square, Tegular

Weight

15mm [3.6 kg/m²], 19mm [4.5 kg/m²]

Noise Reduction Coefficient [NRC]

[0.55] [0.70]

Ceiling Attenuation Class [CAC]

[35 dB] [37 dB]

Humidity Resistance

Maximum 99% RH / 40°C

Colour

Standard White

Mold 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

Fire Rating as per BS 476

1hr Time-rated assembly

Thermal Conductivity

$\lambda = 0.057 \text{ W/m}^2\text{K}$

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