METINNO VELLO®

30 YEAR WARRANTY

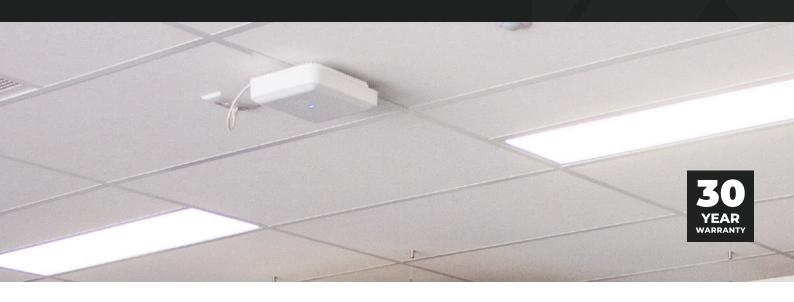## Features and Benefits

> Balanced Acoustics. High-NRC and High-CAC provide balance to room acoustics and sound attenuation.

> Excellent combination of noise reduction and sound attenuation.

> Metinno Vello® fulfills the formaldehyde emissions per EN 717-1 and achieves Class E1.

> Fine, monolithic texture offers the industry's highest light reflectance at LR 0.89. Reduces light fixtures and energy usage and is part of indirect lighting.

> High impact and scratch-resistant; durable and cleanable surface.

> It is rated as Class 10 for mold prevention application as per ASTM D3273.

> Compatible with the Metinno Cliq® Grid ceiling system.

> Certificated for Environmental Product Declaration (EPD) as per ISO 14025.

> Comes with a 30-year warranty.

Surface Texture

Absorption Coefficient

Frequency, Hz	125	250	500	1000	2000	4000	NRC
19mm	0.40	0.40	0.65	0.95	1.0	1.0	0.75

Applications

Executive offices	Conference rooms
Reception areas	Lobbies
Classooms	Corridors
Entertainment & gaming centers	Nurseries

Table of Performance

CE EN 13964 : 2014 + A1 : 2007	**GREENGUARD** PRODUCT CERTIFIED FOR LOW VOC EMISSIONS	**CERTIFIED** PRODUCT CERTIFIED FOR ENVIRONMENTAL PRODUCT DECLARATION	HIGH SOUND ABSORPTION	CEILING ATTENUATION CLASS	ANTI-MOULD & MILDEW / SAG RESISTANCE	AVAILABLE IN CONCEALED EDGE	HIGH RECYCLED CONTENT

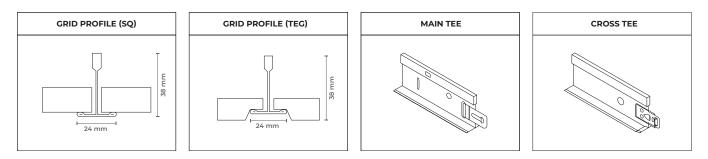| Edge Detail	Product Code	Size (mm)	NRC	CAC	Anti-Mould & Mildew / Sag Resistance	Recycled Content	VOC Emission
			NRC	CAC	💧	♻	<
SQ	VE1260S	600*1200*19	0.75	37	💧	83%	Low
TEG	VE6060T	600*600*19	0.75	37	💧	83%	Low
TEG	VE1260T	600*1200*19	0.75	37	💧	83%	Low

< 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

GRID PROFILE (SQ)	GRID PROFILE (TEG)	MAIN TEE	CROSS TEE
38 mm / 24 mm	38 mm / 24 mm		

SPECIFICATION DETAILS

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

Materials Classification
Type: IV,
Form: 2,
Pattern: E, G

Substrate and Surface Finish
Mineral fibre substrate laminated with fibreglass membrane and finished with factory-applied latex paint

Thickness
19mm

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

Edge Detail Trim
Square, Tegular

Weight
19mm [4.75 kg/m²]

Noise Reduction Coefficient [NRC]
[0.75]

Ceiling Attenuation Class [CAC]
[37 dB]

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

Humidity Resistance
Maximum 99% RH / 40°C

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
λ = 0.05 W/m°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