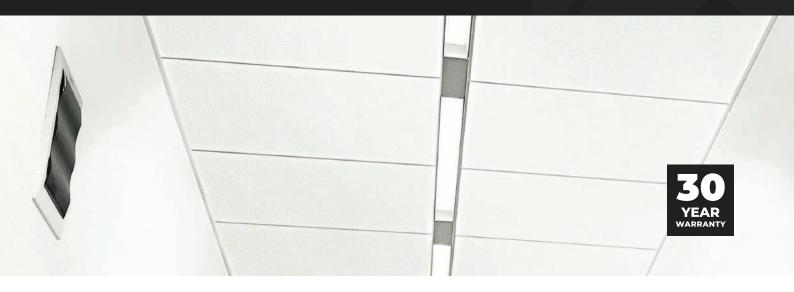
METINNO VELLO HEALTH®



Features and Benefits

- > Metinno Vello Health® face and back are ISO 4 according to the ISO 14644-1: 2015 norm.
- > Metinno Vello Health® microbiological class according to the norm NFS 90-351: 2013 is as follows: M100 / area 2 (Acinobacter baumannii), M1 / area 4 (Staphylococcus aureus MRSA, Bacillus cereus, Streptococcus pneumoniae, Escherichia coli, Candida albicans), <1 / area 2,3,4 (Aspergillus brasiliensis).
- > Balanced Acoustics. High-NRC and High-CAC provide balance to room acoustics and sound attenuation.
- > Excellent noise reduction and sound attenuation.
- > Metinno Vello Health® fulfills the formaldehyde emissions by EN 717-1 and achieves Class E1.
- > High Impact and scratch resistance, durable and cleanable surface.
- > It is rated as Class 10 for mould prevention application as per ASTM D3273.
- > 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*
19mm	0.40	0.40	0.65	0.95	1.0	1.0	0.75

*Calculated to ASTM C 423-01

Applications

Central Sterile Supply	Class 1 MRI and imaging rooms			
Class 2 MRI and imaging rooms	Patient rooms			
Corridors	Decontamination rooms			
Endoscope processing rooms	Laboratories			
Laundry areas	Nurse's stations			

Table of Performance





EMISSIONS





EMISSIONS



FOR ENVIRONMENTAL

PRODUCT DECLARATION









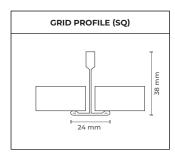
RESISTANCE

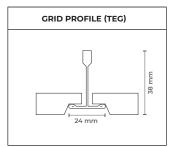


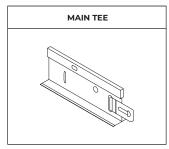
CONTENT

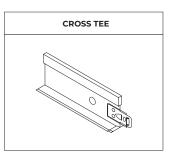
Edge Detail	Product Code	Size (mm)	NRC	CAC	Anti-Mould & Mildew / Sag Resistance	Recycled Content	VOC Emission
			NRC	CAC	6	۵	<
SQ	VH1260S	600*1200*19	0.75	37	6	83%	Low
TEG	VH1260T	600*1200*19	0.75	37	6	83%	Low
TEG	VH6060T	600*600*19	0.75	37	6	83%	Low

METINNO CLIQ® GRID









SPECIFICATION DETAILS

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

Materials Classification

Type: A Form: A2.1 Pattern: E, G

Substrate and Surface Finish

Mineral fibre substrate laminated with fibreglass membrane and finished with factory-applied latex paint and water repellent membrane

Water Absorbence

Repellency membrane that resists mild water drippage for up to 2hrs.

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]

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

Standard White

Surface Burning Characteristics as per

ASTM E84 Class A

Reaction to Fire as per EN 13501-1

Euroclass A2-s1, d0

Thermal Conductivity

λ = 0.05 W/m°K

VOC Class

Greenguard & Greenguard Gold

Formaldehyde Classification

Class E1 as per EN717-1

Washability / Scrubbability as per ASTM D4828 & D2486

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

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