

METINNO® VELLO HEALTH

MINERAL FIBRE CEILING TILE



Features and Benefits

- > Average condition; the face and back are ISO 4 according to the ISO 14644-1: 2015 norm.
- > Microbiological class according to the norm NF S 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).
- > It is recommended to be used with Metinno® Cliq grid.
- > Balanced Acoustics. High-NRC and High-CAC provide balance to room acoustics and sound attenuation.
- > Excellent noise reduction and sound attenuation.
- > Fulfills the formaldehyde emissions by EN 717-1 and achieves Class E1.
- > High Impact and scratch resistance, durable and cleanable surface.
- > Rated as Class 10 for mold prevention application as per ASTM D3273.
- > 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

Central Sterile Supply	Laboratories
Class 1 MRI and imaging rooms	Laundry areas
Class 2 MRI and imaging rooms	Nurse's station
Clean corridors	Patient rooms
Corridors	Pharmacies
Decontamination rooms	Treatment and procedure rooms
Endoscope processing rooms	

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



FIRE RATING



AVAILABLE IN CONCEALED EDGE



HIGH RECYCLED CONTENT

Edge Detail	Item	Size (mm)	NRC	CAC	Light Reflectance	Anti-Mould & Mildew/ Sag Resistance	Fire Rating	Recycled Content	VOC Emission
SQ	VH1260S	600*1200*19	0.75	37	89%			83%	Low

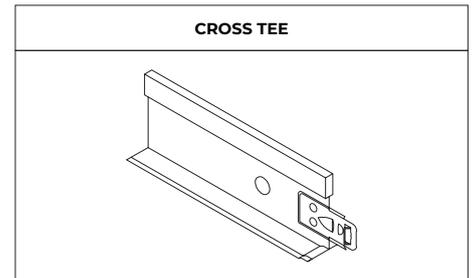
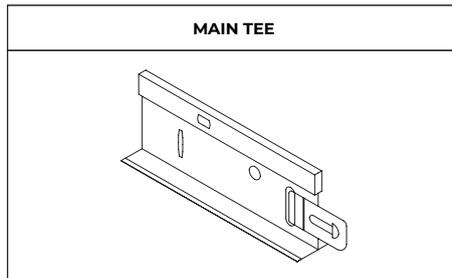
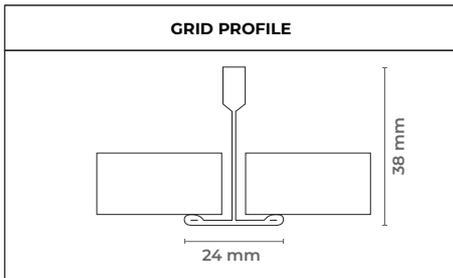
Low Emission (VOC)

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.

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® Vello Health 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 fiber substrate laminated with fiberglass membrane and finished with factory-applied latex paint and water repellent membrane

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

Thickness
19mm

Size
600 x 1200mm

Edge Detail Trim
Square

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

Light Reflectance Coefficient [LR]
0.89

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/m²K

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