

# METINNO VELLO HEALTH®



## 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



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	VH1260S	600*1200*19	0.75	37		83%	Low
TEG	VH1260T	600*1200*19	0.75	37		83%	Low
TEG	VH6060T	600*600*19	0.75	37		83%	Low

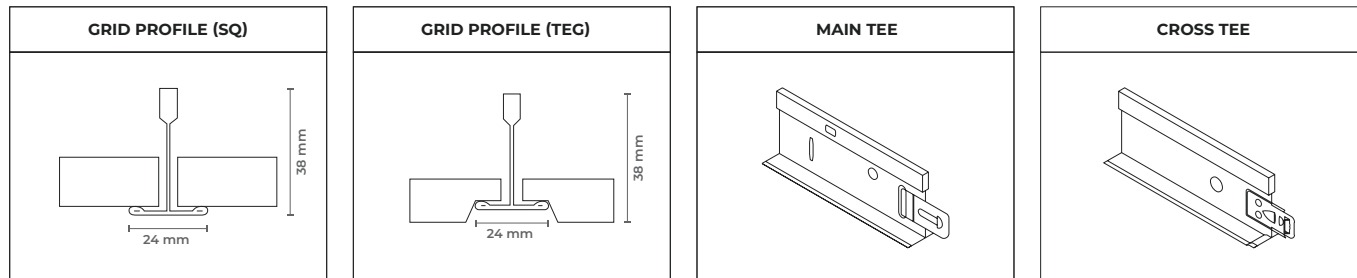
### < Low Emission (VOC)

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



### 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 fibre 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

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

#### Edge Detail Trim

Square, Tegalur

#### 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

$\lambda = 0.05 \text{ W/m}^2\text{K}$

#### 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