

# 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 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*).
- 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



EN 13964 : 2014 + A1 : 2007



PRODUCT CERTIFIED FOR LOW VOC EMISSIONS



PRODUCT CERTIFIED FOR LOW VOC EMISSIONS



PRODUCT CERTIFIED FOR ENVIRONMENTAL PRODUCT DECLARATION



HIGH SOUND ABSORPTION



CEILING ATTENUATION CLASS



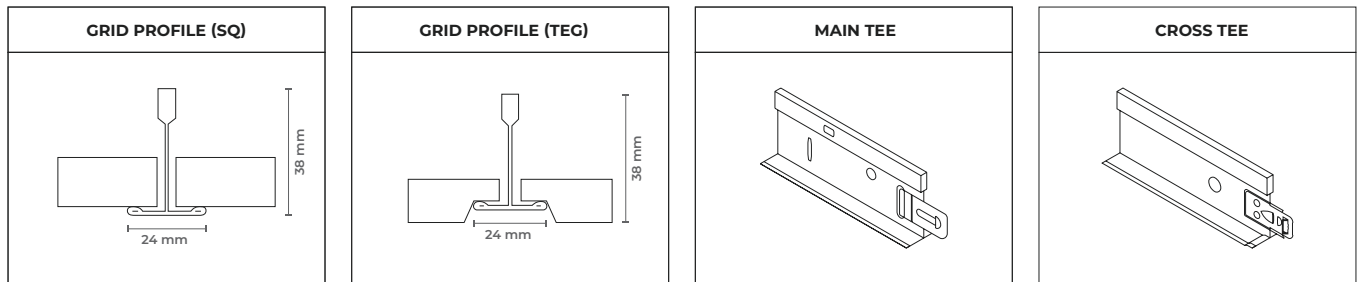
ANTI-MOULD & MILDEW / SAG RESISTANCE



HIGH RECYCLED CONTENT

Edge Detail	Product Code	Size (mm)	NRC	CAC	Anti-Mould & Mildew / Sag Resistance	Recycled Content	VOC Emission
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

## METINNO CLIQ® GRID



## SPECIFICATION DETAILS

<p>METINNO Vello Health® Mineral Fibre Acoustic Ceiling Tiles meet specifications in accordance with ASTM E1264 and EN13964.</p> <p><b>Materials Classification</b> Type: A Form: A2.1 Pattern: E, G</p> <p><b>Substrate and Surface Finish</b> Mineral fibre substrate laminated with fibreglass membrane and finished with factory-applied latex paint and water repellent membrane</p> <p><b>Water Absorbance</b> Repellency membrane that resists mild water drippage for up to 2hrs.</p> <p><b>Thickness</b> 19mm</p> <p><b>Size</b> SQ 600*1200mm TEG 600*1200mm, 600*600mm</p>	<p><b>Edge Detail Trim</b> Square, Tegralar</p> <p><b>Weight</b> 19mm [4.75 kg/m<sup>2</sup>]</p> <p><b>Noise Reduction Coefficient [NRC]</b> [0.75]</p> <p><b>Ceiling Attenuation Class [CAC]</b> [37 dB]</p> <p><b>Mould Prevention Application as per ASTM D3273</b> Rate 10: Resistant to mould growth</p> <p><b>Humidity Resistance</b> Maximum 99% RH / 40°C</p> <p><b>Colour</b> Standard White</p> <p><b>Surface Burning Characteristics as per ASTM E84</b> Class A</p>	<p><b>Reaction to Fire as per EN 13501-1</b> Euroclass A2-s1, d0</p> <p><b>Thermal Conductivity</b> λ = 0.05 W/m<sup>2</sup>K</p> <p><b>VOC Class</b> Greenguard &amp; Greenguard Gold</p> <p><b>Formaldehyde Classification</b> Class E1 as per EN717-1</p> <p><b>Washability / Scrubbability as per ASTM D4828 &amp; D2486</b> Exceeds 1000 wash/scrub cycles without surface break or the extent of abrasion upon request</p> <p><b>Relevant LEED® Credit</b> 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</p>
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