

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
			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

METINNO CLIQ® GRID

GRID PROFILE (SQ)

GRID PROFILE (TEG)

MAIN TEE

CROSS TEE

SPECIFICATION DETAILS

<p>Metinno Vello Health® Acoustic Ceiling Tiles meet specifications in accordance with ASTM E1264 and EN13964.</p> <p>Materials Classification Type: A Form: A2.1 Pattern: E, G</p> <p>Substrate and Surface Finish Mineral fibre substrate laminated with fibreglass membrane and finished with factory-applied latex paint and water repellent membrane</p> <p>Water Absorbence Repellency membrane that resists mild water drippage for up to 2hrs.</p> <p>Thickness 19mm</p> <p>Size SQ 600*1200mm TEG 600*1200mm, 600*600mm</p>	<p>Edge Detail Trim Square, Tegular</p> <p>Weight 19mm [4.75 kg/m²]</p> <p>Noise Reduction Coefficient [NRC] [0.75]</p> <p>Ceiling Attenuation Class [CAC] [37 dB]</p> <p>Mould Prevention Application as per ASTM D3273 Rate 10: Resistant to mould growth</p> <p>Humidity Resistance Maximum 99% RH / 40°C</p> <p>Colour Standard White</p> <p>Surface Burning Characteristics as per ASTM E84 Class A</p>	<p>Reaction to Fire as per EN 13501-1 Euroclass A2-s1, d0</p> <p>Thermal Conductivity λ = 0.05 W/m²K</p> <p>VOC Class Greenguard & Greenguard Gold</p> <p>Formaldehyde Classification Class E1 as per EN717-1</p> <p>Washability / Scrubbability as per ASTM D4828 & D2486 Exceeds 1000 wash/scrub cycles without surface break or the extent of abrasion upon request</p> <p>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</p>
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