Product Information
# Flat Panel VMT

PUBLIC SPACES / Hi-FI & HOME CINEMA / PROFISSIONAL AUDIO / WORKSPACES



## Description

Vicoustic has developed an evolutionary new product range fit for both residential and commercial use. Created exclusively by Vicoustic, Flat Panel VMT is made from VicPET Wool - a material produced mainly from recycled plastic bottles. With an innovative dyeing technology, Flat Panel VMT panels can simulate concrete, marble, wood and other materials, achieving an amazing and realistic look in any setting.
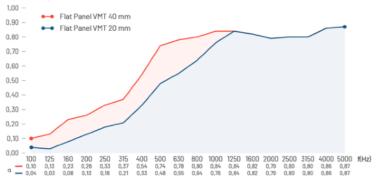
Flat Panel VMT panels are designed to perform primarily in the medium and high frequencies. Therefore, these panels provide a great acoustic solution to implement in any commercial or residential setting and can be used on ceilings and walls. The applications for Flat Panel VMT are infinite, making it perfect for both new construction and refurbishment projects. Aesthetically, it comes in a wide range of patterns and can be fixed to any surface with Velcro (included) and with several other Vicoustic fixation solutions available (sold separately).

## Features

- Light weight
- Easy to Install
- Easy to clean and maintain (washable with a sponge)
- High Performance in medium and high frequencies

## Performance

**Sound Absorption Coefficient**



| | 100 | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 | 800 | 1000 | 1250 | 1600 | 2000 | 2500 | 3150 | 4000 | 5000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| α | 0,10 | 0,13 | 0,23 | 0,26 | 0,33 | 0,37 | 0,54 | 0,74 | 0,78 | 0,80 | 0,84 | 0,84 | 0,82 | 0,79 | 0,80 | 0,80 | 0,86 | 0,87 |
| | 0,04 | 0,03 | 0,08 | 0,13 | 0,18 | 0,21 | 0,33 | 0,48 | 0,55 | 0,64 | 0,76 | 0,84 | 0,82 | 0,79 | 0,80 | 0,80 | 0,86 | 0,87 |

NRC: 20mm: 0.55;  40mm: 0.7

## Available Finishes*

- Natural Woods NEW
- Natural Stones
- 3D
- Concrete
- Nature
- Tiles

**Solid Colors**

- Natural White
- Black
- Grey
- Light Grey
- Musk Green
- Moss Green
- Blue
- Bondi Blue
- Beige
- Brown
- Pumpkin Orange
- Coral

*Different batches may show a color variation

## Dimensions**

a) 595 x 595 x 20 mm / 23.4" x 23.4" x 0.8"
b) 595 x 1190 x 20 mm / 23.4" x 46.8" x 0.8"
c) 1190 x 2380 x 20mm / 46.8" x 93,7"x 0,8"
d) 595 x 595 x 40 mm / 23.4" x 23.4" x 1.6"
e) 595 x 1190 x 40 mm / 23.4" x 46.8" x 1.6"

** For each panel. Please notice that the dimensions of these panels have a tolerance of +/- 2mm

## Packing Information

**Units per box:** 8
**Box:** a) 665 x 675 x 195mm / 26.2" x 26.6" x7.7" ; b) 1260 x 675 x 190mm / 49.6" x 26.6" x 7.5"; c) 2470 x 1275 x 170 / 97.2" x 50.2" x 6.7"; d) 665 x 675 x 355mm / 26.2" x 26.6" x 14; e) 1260 x 675 x 355mm / 49.6" x 26.6" x 14"
**Box Gross Weight:** a) 7.8kg /  17.2lb; b) 13,4kg / 29.5lb; c) –; d) 8.8Kg / 19.4lb;  e) 15kg / 33.1lb

## Technical Information

**Material:** VicPet Wool

**Fire Rating:**
- Europe: Euroclass B -s2, d0
- USA: Class A (ASTM-E84); 20mm: Flame Spread: 15; Smoke Development: 250; 40mm: Flame Spread: 0; Smoke Development: 10.
- Canada (ULC S102-10): 20mm: Flame Spread: 5; Smoke Development: 115.

**Installation:** Velcro (included), Flexi Glue Ultra, VicFix, VicFix Frame

**Thermal Properties:**
- White PET 40mm: Lambda-10: 37.12 mW/(m*K); R-10: 1.1449 m2K/W; TC: 0.1922 mW/(m*k2)W
- White PET 20mm: Lambda-10: 34.37 mW/(m*K); R-10: 0.6197 m2K/W; TC: 0.1558 mW/(m*k2)
- Black PET 40mm: Lambda-10: 33.78 mW/(m*K); R-10: 1.2404 m2K/W; TC: 0.1681 mW/(m*k2)
- Black PET 20mm: Lambda-10: 34.37 mW/(m*K); R-10: 0.6197 m2K/W; TC: 0.1558 mW/(m*k2)

**Certificates:**



**More information**
https://vicoustic.com/product/flat-panel-vmt

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