

Embossed VMT Panels

UNIV//COUSTIC

Installation & Maintenance

GUIDE

EMBOSSED VMT SERIES (PET & PET WOOL)



Embossed VMT PET Wool Panels are engineered acoustic wall systems combining dimensional surface relief with sound-absorptive performance. Acoustic efficiency with visual continuity are dependent on correct substrate preparation, adhesive selection, and controlled installation conditions.

Panels may be installed on prepared interior wall substrates of Plywood / Gypsum board / drywall - MDF

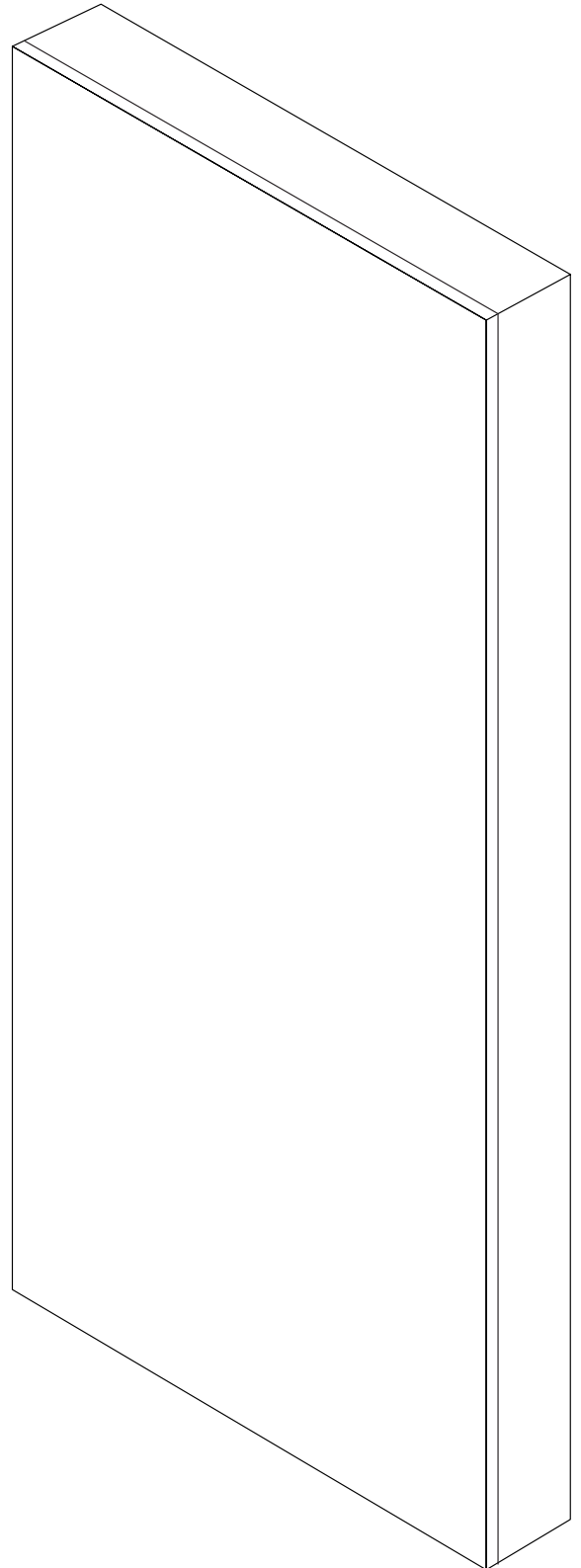
SUBSTRATE REQUIREMENTS

- Flat, Rigid, & Dimensionally Stable
- Clean, Dry, & Fully Cured
- Free From Dust, Oil, Grease, Paint Flakes, or Loose particles
- Surface Deviation Not Exceeding ± 2 mm

SUBSTRATE NON-APPROVED

Do Not Install

- Uneven Masonry or Raw Concrete
- Glass or Metal Surfaces
- Existing Wallpaper, Laminate, or Loose Finishes
- Damp or moisture prone walls



ENVIRONMENTAL & SITE CONDITIONS

Installation must be carried out under the following conditions:



Interior, Dry
Environments Only



Ambient Temperature
Between 4°C & 32°C



Relative Humidity within
Normal Indoor Comfort
Ranges



After All Wet Trades
(Plastering, Painting,
Flooring) Completed



When Substrate is Fully
Dry & Stable

TOOLS & MATERIALS

Installer's Responsibility

Ensure availability of the following prior to installation:



Silicon Base Glue



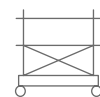
Measuring Tape



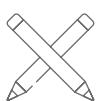
Hand Gloves



Levelling Scale



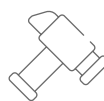
Ladder/scaffolding
for high installations



Pencil/marker
for layout and
alignment



Utility knife and/or
fine-toothed saw
(for panel cutting)



Soft rollers or hand
pressure tools



Clean cloths, surface
cleaning supplies

PRE-INSTALLATION CHECK

Before commencing installation -

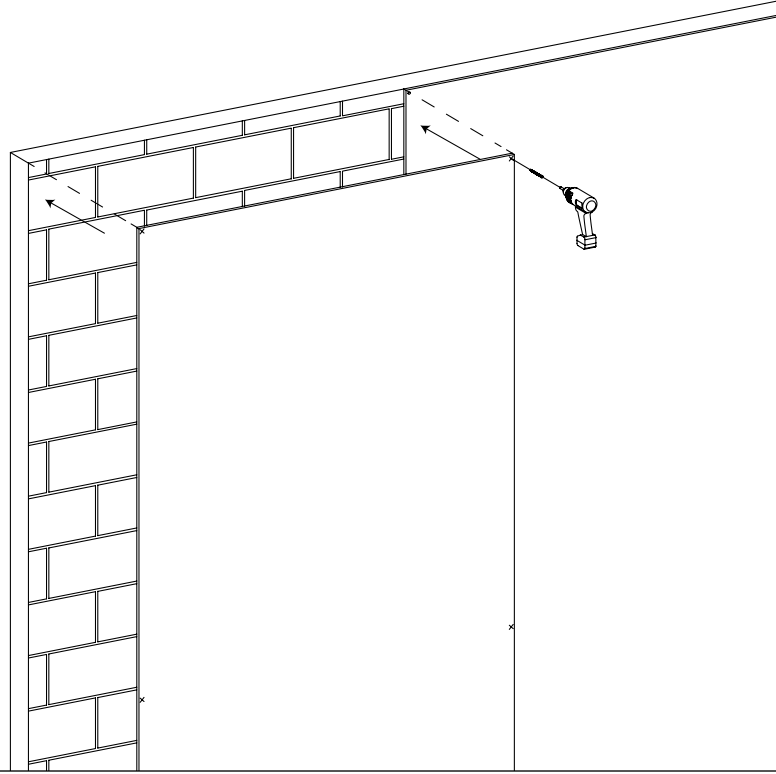
- Examine panel quantities, formats, and pattern orientation
- Inspect panels for damage or defects
- Conduct a dry layout, especially for patterned or continuous installations
- Do not proceed if site conditions or substrates are non-compliant.



INSTALLATION PROCEDURE

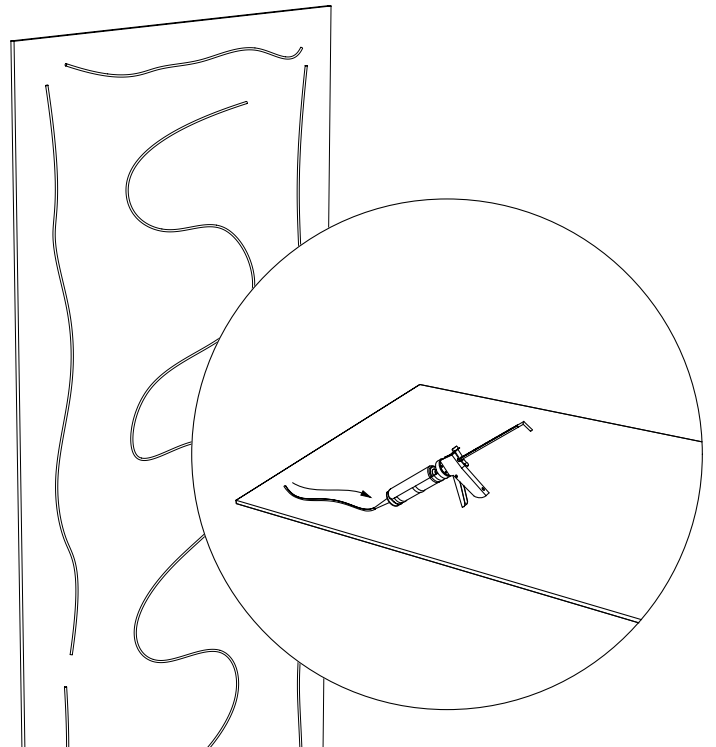
Step A | Surface Preparation

- Confirm Substrate Meets All Requirements As Outlined
- Rectify Surface Irregularities (If Any) Exceeding ± 2 mm
- Remove All Contaminants & Ensure Surface is Dust-free



Step B | Adhesive Application

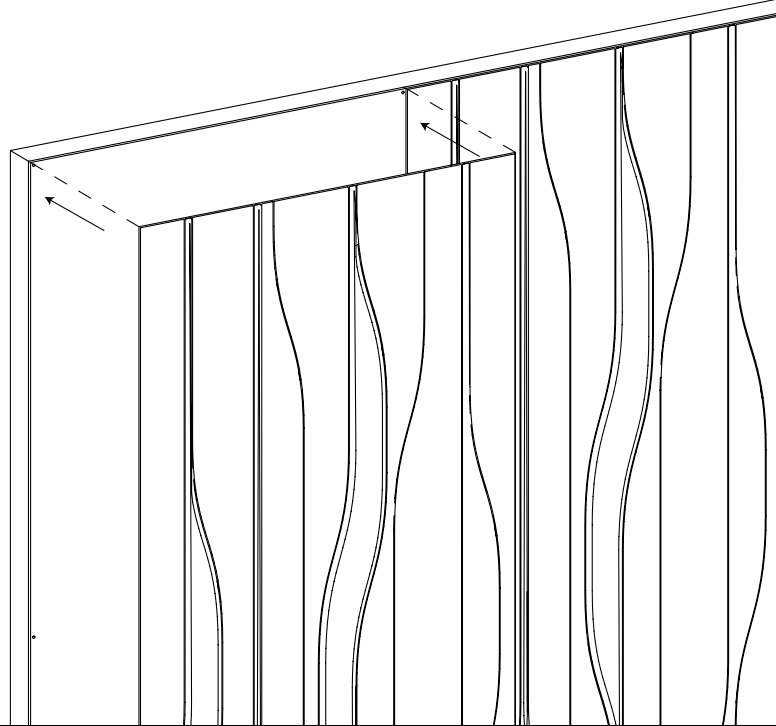
- Apply adhesive uniformly to the back face of the panel
- Ensure full, even coverage to prevent air pockets or hollow spots
- Do not over-apply adhesive, as this may affect panel alignment & finish



Step C

Panel Placement & Alignment

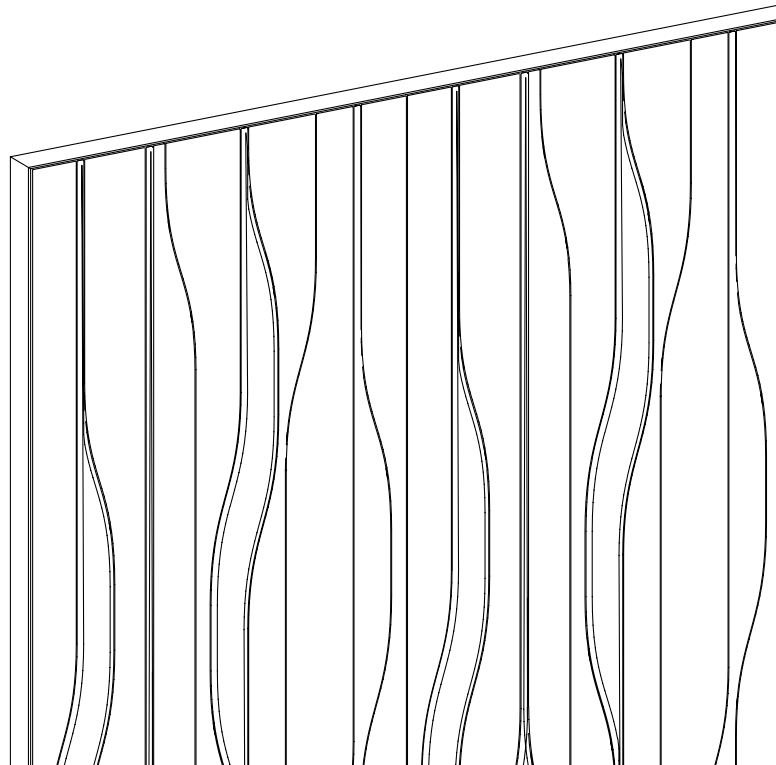
- Position the panel carefully against the wall, aligned to the reference
- Apply firm, even pressure across the entire surface to activate adhesion
- Maintain consistent spacing and orientation as per design intent



Step D

Curing & Protection

- Allow adhesive to cure
- Prevent impact, vibration, or load on panels during curing period
- Avoid cleaning or surface contact until adhesive has fully set



POST-INSTALLATION REVIEW

Installation must be carried out under the following conditions



Inspect installed panels for alignment, adhesion, and surface consistency



Confirm joints, edges, and pattern transitions are visually uniform



Replace or rectify any misaligned panels immediately before adhesive cures fully

Handling & Storage Guidelines



Store panels flat, in a dry, indoor environment



Protect from moisture, dust, and direct sunlight



Handle panels with clean hands or gloves to avoid surface marking



CLEANING GUIDELINES

Routine Cleaning



Remove surface dust using a vacuum with a soft brush attachment



In case of liquid contact, blot immediately with a dry cloth



Localised marks may be gently cleaned using water or a mild dry-cleaning solution

Restrictions*



Do not use abrasive tools or harsh chemicals.



Avoid excessive moisture or aggressive rubbing.



Adequate ventilation is recommended in spaces subject to higher humidity levels.

**These conditions should be maintained throughout the intended lifecycle of the systems.*

Maintenance



Periodic light vacuuming helps to remove dust and airborne particulates.



For large-scale or hard-to-reach installations, low-pressure compressed air may be used.

Responsibility & Compliance



Installation must be carried out by qualified professionals.



The manufacturer is not responsible for failures resulting from non-compliant installation or site conditions.

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For more information, contact us at

Head Office: 9th Floor, Lotus Business Park, Off New Link Road, Veera Desai Industrial Estate, Andheri West, Mumbai - 400053R&D

Office: Survey No.271/4, New Sr. No. 3099/1, Village- Khattalwada, Malkhet, Near Gram Panchayat, Malkhet, Taluka- Umbergaon, Dist- Valsad, Gujarat- 396120

+91 86556 87649 | marketing@uniacoustic.com | www.univicoustic.co.in