



# CEM-VERT Vertical Stamping

## VERTICAL OVERLAY SYSTEMS

### Description

CEM-VERT Vertical Stamping is a pre mixed, self-curing, non-shrink mortar which provides a new decorative finish to existing walls and other vertical surfaces. CEM-VERT Vertical stamping creates an appearance of natural stone, wood, brick, and masonry using vertical stamping tools, vertical texture, joint roller tools, or by hand carving a unique stone design.

### Areas of Application

- Concrete Substrates
- Plastered walls
- Dry wall
- Cement Boards
- Brick Masonry
- Exterior and Interior Surfaces

### Features & Benefits

- **Aesthetic Appearance:** When CEM-VERT Vertical stamping is applied to substrates like concrete, plastered walls, dry walls, cement boards, masonry it gives a seamless aesthetic surface.
- **Naturalness and Elegant:** While it is commonly understood that CEM-VERT Vertical stamping is used to liven up old, worn and cracked concrete surfaces, it is an extremely versatile substance which can be used on a variety of substrates. It can be used to give a more natural and elegant look.
- **Design Variety:** There are infinite possible combinations with CEM-VERT Vertical stamping due to endless variety of colours and surface textures.
- **Durability:** While CEM-VERT Vertical stamping is used to add design appeal to a highly durable wall surface, the real performance of the wall comes from the sealer also known as clear protective coating, which is applied on the top in layers. It provides durability, abrasion resistance and stain resistance. It has a superior performance.
- **Easy Maintenance:** You can easily maintain it with water, mop and a pH neutral cleaner. As with most flooring, regular and routine cleaning is recommended.

### Method of Application

#### 1 Surface Preparation

- The substrate needs to be structurally sound and free from grease, oil, wax, wall paper glue, dust and loose particles.
- Remove the loose particles and fill the cracks if any.
- The wall should be filled so that a seamless, smooth and flat surface is achieved.

#### 2 Mixing

- Add 3 to 4 parts of powder to 1 part of water. Mix with a trowel or slow speed drills (50-100 rpm) until a lump free, homogeneous paste of workable consistency is obtained.
- Always mix the required quantity which can be consumed within 90 minutes pot life.
- Hand mixing is recommended for small quantities only.

#### 3 Application

- Apply CEM-VERT Vertical stamping on the wall using a trowel at a thickness of 7-8 mm. Do not spread more than 1 sqm. of area at a time.
- Touch the mortar on substrate by finger. If the paste sticks to fingers then continue tiling and if not scrape off the adhesive and apply new coat.
- Start the vertical stamping work on the wall using a stamping mat of the desired pattern and texture in proper line Hammer with soft mallet to ensure a better design.
- Ensure that the CEM-VERT Vertical stamping mortar is spread evenly on the wall so that there is no undulations once the stamping is done.
- Clean excessive mortar and carve the grooves and joints using a tool so that a smooth and seamless surface is achieved. Leave it to dry for 24 hours.

#### 4 Application of Top Coat

- Clean the surface using a soft brush and remove all the dust and loose particles.
- Start the application of single coat of paint primer.
- Apply two coats of exterior emulsion paint of the desired shade (Let the surface dry between coats).



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#### 5 Application of Sealer Coat

- For Matte Finish: Do not apply sealer coat.
- For Glossy Finish: Apply a coat of sealer with roller.

#### Technical Information

S.No.	Properties	Results
1	Appearance	Off White
2	Pot Life	90 minutes at 30 °C.
3	Workable Time	15 minutes at 30 °C.
4	Finish Type	Matte/Glossy.

S.No.	Test	Results	Test Method
1	Bulk Density (g/cc)	Pending	IS:331-1982
2	Compressive Strength (Mpa)		
a)	At 3 days		
b)	At 7 days	Pending	ASTM C/109-13
c)	At 28 days	Pending	
3	Impact Value (Kg-M)		ASTM D2794/93 (Guideline) astm c840

#### Coverage

25-30 Sft/25 Kg Bag at 1.5 mm thickness.

#### Packaging

20/25 Kg

#### Shelf Life

6 months from date of production.

#### Storage

Store in a sealed packaging in cool dry condition with temperatures ranging from +5°C to 30°C.

#### Health & Safety Precautions

- CEM-VERT Vertical Stamping contains Portland cement and are therefore alkaline in nature.
- Prolonged contact with the skin should be avoided.
- Any eye contamination should be washed immediately with plenty of clean water and medical advice sought.
- CEM-VERT is inflammable.

#### Other Products available

Tile Fix Mortar | Tile Grouts | Block Joining Mortar | Readymix Plaster | Ruff Tuff Textures | Industrial Grade Hardener | Decorative Colour Hardener | Neutral & Colour release | Sealers | Epoxy Resins | Concrete Admixtures | Paints & Allied Products



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**Disclaimer:** The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and on-site workmanship are factors beyond our