



WALLSHINE®

cement based polymer modified wall putty

USES

WALLSHINE is a single component polymer modified ready-to-use wall finishing putty/ skim coat ideally suited for leveling and finishing of concrete, plastered wall and ceilings by hand application or trowelling.

ADVANTAGES

WALLSHINE when mixed with calculated water, gives the following properties.

- ❖ Excellent adhesion in dry, damp or permanently wet conditions to both concrete and steel.
- ❖ Higher compressive and tensile strength.
- ❖ High abrasion resistance.
- ❖ Low water permeability due to continued pozzolanic reactions hence has dense matrix.
- ❖ Enhanced resistance to freeze - thaw cycles, alkalis and dilute acids.
- ❖ Low shrinkage.
- ❖ Non-Corrosive to steel with high inherent alkalinity.
- ❖ Allows easy application to achieve high application thickness in both vertical and horizontal situations.
- ❖ No primer or bonding coat is required. Surface can be painted directly on after **WALLSHINE**.
- ❖ Better coverage of the paint is achieved because of less absorption compared to other wall putty.

PRODUCT DESCRIPTION

WALLSHINE is based on an advanced co-polymer, graded sand, white cement along with active ingredients, which when mixed with water produces a high strength waterproofing finishing coat. Once applied the coat has excellent resistance to wash out and cures rapidly to form dense impermeable matrix with high diffusing resistance to oxygen, acid gases and chloride ion. The smooth finish gives better look to interiors and exteriors.

The enhanced properties ensure high adhesion, low shrinkage, excellent resistance to freeze - thaw attack and high flexural and compressive strengths.

TECHNICAL DATA

- Appearance : White
- Thickness: 1 mm/coat
- Tensile Adhesion Strength: > 1.0 N/mm² (28 days)
- Compressive Strength: > 9.5 N/mm² (28 days)
- Drying Time: 3 to 4 hours
- Coverage: 20-25 ft²/1mm/kg

APPLICATION DATA

Surface Preparation





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The areas to be coated must be free from all unsound materials i.e. dust, oil, grease, corrosions by-products and organic growth. Smooth cut surfaces should be roughened, all loose materials and surface laitence removed. Shot blasting or grit water jetting is recommended, but for some smaller areas needs gunning or bush hammering is effective. The surface having cracks, honey combed area, need to be repaired by Multicrete CM or Premix RM. For old painted surface, scrub the same with coarse emery stone paper. The surface needing treatment should be sound.

The prepared substrate should be thoroughly soaked with clean water until uniformly saturated without any standing water.

Mixing

WALLSHINE should be mechanically mixed, using a forced action pan mixer in a clean drum, using a drill and paddle. For normal application, use from 3.0 to 4.0 litres of clean water per 20 kg bag depending upon desired consistency. This equates to 5.0-6.0 volumes of powder to two volume of water. Normal mixing time depends upon the type of mixer used, 2-3 minutes is an average. Mix so as to entrain as little air as possible. Use without delay.

Placing

WALLSHINE slurry should be applied so as to remove entrapped air, in layer, with putty blade or trowel on the surface starting from bottom to top for verticle application. Apply second coat only after the first coat has dried completely. Limit the total thickness of 2 coats to 1.5 mm.

Once the surface has dried completely, remove application marks by using fine emery paper.

Curing

Although the product is designed to have self curing properties, it is advised to stick to normal concreting procedures. It is important that the surface of the **WALLSHINE** coating is protected from strong sunlight and drying winds and direct sunlight. Allow a minimum of 72 hours curing of the material and ensure the moisture content of the surface is less than 20%.

CLEANING

All tools should be cleaned with water immediately after use.

SHELF LIFE

6 months in dry, frost free conditions with unopened sack at 20 °C.

PACKING AND COVERAGE

Pack size: 1kg, 5kg, and 20 kg and 40 kg

Coverage: 20-25 ft²/kg/mm thk





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Caution:

Wallshine products are alkaline in nature, hence it is advisable to avoid direct contact with skin and eyes. Use suitable protection while applying the products. In case of contact with eye, flush with clean water for 15 minutes and seek medical help.

WARRANTY

Walrus warrants **Wallshine** products to be free from manufacturing defects as defined in this warranty. Manufacturing defects are considered to be those defects that occur due to the quality of the ingredients or from the manufacturing process itself. This warranty does not include labor costs and other costs or expenses associated with the removal or installation of **Wallshine** products.

Because the **Walrus** (or its associate companies) does not perform the actual installation, it cannot be held responsible for the results of the application. **Walrus** specifically disclaims problems that occur due to weather conditions, structural movement, structural design flaws and application techniques.

This warranty is in lieu of all other warranties expressed or implied including the warranty of merchantability and fitness of purpose and of all other obligations or liabilities on Walrus part. Walrus neither assumes nor authorizes any person to assume for Walrus Industries any liability in connection with the sale and installation of **Wallshine** products.

Product Manufactured by:



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