

WALL MIX

PRODUCT SPECIFICATION SHEET

COMPOSITION

Flex Stone Wall Mix is a polyacrylate, modified cementations, vertical stamping system that can be applied over rough plastered wall to achieve the appearance stone, wood, tile or brick. It is a water-phase elastomeric resin composition incorporating resin primers, cement, cement modifiers, polymers and aggregates. The components are supplied in a dry, 22.7 Kg bagged mix of cement, lightweight aggregates and additives and polymers. All ingredients are pre-packaged in the 22.7 Kg/bag. It is a "just add water" mix.

USES

Flex Stone Wall Mix is typically used as a decorative wall overlay for surfacing in both commercial and residential applications. It's use can be enhanced by incorporating the use of pigments, stains and sealers to finish the colouring and sealing process. Flex Stone Wall Mix can be used as a thin overlay for use with stencils or free style finishes or in full 2 1/2 inch thickness with stamps, trowels, carving tools, brushes, sprays or it can be worked freehand to achieve an incredible variety of decorative surfaces.

BENEFITS

- Many methods of application; i.e., stencils, stamps, carved, troweled, or freehand
- Can be hand carved for up to 24 hours
- Lightweight allows increased stamp depth and design features
- Can withstand normal surface movement with minimal negative effects
- Very cost effective
- Easily applied over problematic surfaces with little surface preparation
- Continuous surface, no mortar joints to deteriorate
- No moisture or insect intrusion
- Low maintenance costs ·Wide range of textures and colors ·Water clean up

CAUTIONS

Flex Stone Wall Mix must be installed over a stable substrate using proper preparation and installation procedures. All expansion/cut joints in the existing substrate must be honoured. Extra joints may be added as deemed necessary by the installer. Flex Stone Primers and Modifiers must be used with the Flex Stone Wall Mix and are required for the Flex Stone warranty to be valid. These have been chemically engineered to be compatible with Flex Stone products to provide the maximum physical properties and prevent loss of bond to the substrate.

SHELF LIFE

Under ideal conditions, the expected shelf life can be around 4 months. However, it is recommended that Flex Stone Wall Mix be used as soon as possible after delivery. Rotate stock to use oldest inventory first. Store under roof and keep dry.

PHYSICAL PROPERTIES

Compressive Strength: ASTM C 39	2,640 psi
Flexural Strength: ASTM C 78	515 psi
Adhesion: MIL-D-3134 Para. 3.7.14 (Shear from steel plate after 96 hours)	312 psi
Water Absorption: ASTM C 624	N/A
Tensile Strength: ASTM C190	N/A
Evaporation rate (ether=1)	N/A
Appearance & Odour	Dry powder of varying colours
Flash point	N/A
Flammable limits: lower explosive limit	N/A
Upper explosive limit	N/A

CLEANABILITY

In general, the more aggressive the finished surface the greater the coefficient of friction and corresponding skid resistance, the more difficult to clean. The smoother the finished texture the easier the surface is to clean, but there is a loss of skid resistant properties. Cleaning and disinfecting compounds and cleaning techniques can affect the color, gloss, texture and performance of the system. As a precautionary step, Flex Stone recommends that the end-user test their cleaning and disinfecting compounds on a non-conspicuous area before use. Follow sealer manufacturer recommendations for maintenance and cleaning. Slip resistance is greatly effected by the sealers and texture used. Follow sealer manufacturer recommendations for slip resistance and prevention.

DRY RELEASE POWDER

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LIMITED WARRANTY

NO WARRANTY SHALL BE EFFECTIVE UNTIL THE TERMS AND CONDITIONS OF SALE SET FORTH IN Flex Stone - Consolidated Aggregates, INVOICE ARE MET.

Flex Stone warrants to the purchaser of its products that such products are free from manufacturing defect. Flex Stone does not warrant or guarantee the workmanship performed by any person or firm installing its products. Flex Stone obligation under this warranty is limited solely to the original purchaser and solely to replacement in kind of any Flex Stone product which may prove defective in manufacture within three years from date of installation, provided said product was stored correctly and installed within the product's shelf life, by the original purchaser and upon examination, by Flex Stone, shall be deemed defective.

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