

ARTIFICIAL STONE MORTAR

Pre-Blended Polymer Modified Mortar For
Manufactured and Natural Stone Veneers

MASONRY STONE VENEERS

MANUFACTURER:

Empire Blended Products, Inc.
250 Hickory Lane • Bayville, NJ 08721
(732) 269-4949 • Fax (732) 269-0497
www.empireblended.com

PRODUCT DESCRIPTION:

ARTIFICIAL STONE MORTAR is a special blend of Portland Cement, specially graded aggregates, acrylic polymers, and other additives designed to be used when installing a variety of manufactured and natural stone veneers. It will exceed ANSI A 118.4 when mixed with water.

USES:

- < Applying manufactured and natural stone veneers
- < Grouting manufactured and natural stone veneers

ADVANTAGES:

- < Exceeds ANSI A 118.4 when mixed with water
- < Factory pre-blended, quality controlled mix design
- < Can be used interior or exterior
- < Suitable for a wide variety of artificial and natural stone veneers
- < Ready to use, just add water
- < Polymer modified for increased adhesion

INSTALLATION:

Surface Preparation:

Prepare all surfaces as per specific company's installation instructions.

Mixing:

Place material in a clean suitable container (bucket, mixing box, wheelbarrow or power mixer). For each 15 pounds of material use approximately 1 quart of water. Mix thoroughly to a thick and creamy consistency with a paddle, trowel or low speed mixer. Avoid over mixing. Allow mixture to sit for approximately 5 minutes, remix and apply.



Placement:

Apply the stone from the top working down. This helps keep the stone clean. Dampen the back of each stone before applying the mortar. Using a mason's trowel, apply a $\frac{3}{8}$ " thick even layer of *ARTIFICIAL STONE MORTAR* to the entire back of each stone. Press the stone firmly in place on the prepared wall surface, squeezing the mortar around the edges. Using a gentle wiggling movement while pressing the stone will ensure a good bond. Use a grout bag to fill the joints with mortar, filling in all voids, being careful not to smear any grout onto the face of the stone. Any mortar that gets on the stone should be allowed to set until dry and crumbly, then brushed off with a dry whisk broom. When the mortar joints become firm, use a wooden or metal striking tool to rake the joints out to the desired depth while at the same time forcing the mortar into the joints so as to thoroughly seal the stone edges. Do not work the joints too soon or the mortar will smear.

Curing:

ARTIFICIAL STONE MORTAR is self-curing in most applications. During periods of high heat and humidity, moist cure by misting with water 2-3 times a day for 3 days.

Coverage:

Each 80 pound bag will install approximately 18 to 24 square feet of artificial stone.

Packaging:

Available in 80 pound bags.

Color:

Cement Gray

TECHNICAL DATA:

Strength (ASTM C-109)
28 days.....1800 psi

Meets or exceeds the requirements of ASTM C-387 and ASTM C-270, Type S. Artificial Stone Mortar exceeds ANSI A 118.4 when mixed with water.

LIMITATIONS:

Do not apply to frozen surfaces or if temperature will fall below 40EF within 24 hours.

CAUTION:

Contains Portland Cement CAS #65997-15-1. Freshly mixed cement products may cause skin injury. Avoid contact with skin where possible and wash exposed areas promptly with water. If any product gets into the eye, rinse immediately and repeatedly with water. If ingested, **do not** induce vomiting and get prompt medical attention. Also contains Sand CAS #14808-60-7. Avoid breathing dust. Prolonged exposure to dust may cause delayed lung injury (silicosis) or cancer IARC Class 2A. Wear NIOSH approved mask for silica dust. Keep Out Of Reach Of Children.

WARRANTY:

Due to the use of this product beyond our control, we assume no liability for damages of any kind, and the user accepts the product "as is" and without warranties, expressed or implied, from either Empire Blended Products, Inc. or its agents. The suitability of the product for an intended use shall be solely up to the user. Our only obligation shall be to replace or pay for any material proved defective, with our liability limited to the purchase price of materials supplied by us.