

MORTAR MIX TYPE S

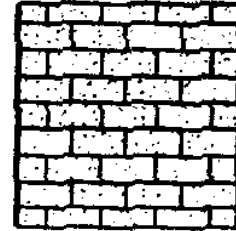
Pre-Blended Contractors Grade Mortar

MASONRY

BRICK, BLOCK, STONE

MANUFACTURER:

Empire Blended Products, Inc.
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PRODUCT DESCRIPTION:

MORTAR MIX TYPE S is a single component product, consisting of Type S Masonry Cement (ASTM C-91) and finely graded Mason Sand (ASTM C-144), scientifically blended to a uniform mixture and packaged at our manufacturing facility in Bayville, New Jersey. *MORTAR MIX TYPE S* meets and exceeds the requirements of ASTM C-270, Type S, latest revisions, and Federal Quality Standard USCE CRD-C-74.

USES:

- ▶ Brick, block or stone walls
- ▶ Parge coats
- ▶ Scratch and brown coat in stucco applications
- ▶ Repair of all masonry systems
- ▶ Interior or exterior
- ▶ Above or below grade

ADVANTAGES

- ▶ Ready to use, just add water
- ▶ Eliminates dry mixing of multiple ingredients
- ▶ Plant blended, quality controlled mix design
- ▶ Ideal for projects requiring structural strength for brick and block foundations
- ▶ Applications from 1/4" to 1/2"
- ▶ Can be pigmented with rainbow cement colors
- ▶ Meets requirements of ASTM C-270 Type S
- ▶ High Strength – greater than 1800 PSI

INSTALLATION:

Surface Preparation:

For best results, use only new masonry units. All materials to be laid or surfaces to be coated must be clean and free of any dirt, oils, paints and other contaminants that will prevent proper bond. Walls to be stuccoed should be dampened prior to application. When laying highly absorptive brick or block in hot, dry conditions, wet the units before laying to reduce the initial rate of suction and to promote better bond.

Mixing:

Place material in a clean suitable container (bucket, mixing box, wheelbarrow or power mixer). For each 15 pounds of dry material use approximately 1 quart of water. Add 3/4 of the mixing water and then blend in the dry ingredients. Mix until all liquid is absorbed. This will be a very stiff mix and will allow the addition of more liquid to the mix without overwatering. Add the balance of liquid required to achieve a smooth, lump free and fully wetted mix. Do not overwater. After initial mixing, allow the mix to rest and absorb all liquid for 2-3 minutes. Remix and apply.

Placement:

Place bed of *MORTAR MIX TYPE S* on the area to receive masonry units. Butter the end of brick or block and place into bed joint. Tap units into place with trowel handle to ensure they are plumb and level. When stuccoing walls, apply material with a steel trowel and finish with a sponge, wood or metal float to achieve the desired effect.

Curing:

MORTAR MIX TYPE S is self-curing in most applications. During periods of high heat and humidity, moist cure exterior walls by fogging with water 2-3 times a day for 3 days.

Coverage:

An 80 pound bag will lay approximately 50 bricks or 27 8-inch blocks.

Packaging:

Available in 40 pound, 55 pound and 80 pound multi-ply, recyclable paper bags.

Color:

Cement gray. EMPIRE BLENDED RAINBOW CEMENT COLORS may be added to achieve a colored finish, at the rate of 1 pound per 80 pound bag.

TECHNICAL DATA:

Compressive Strength (ASTM C-109):
28 Days 1800 psi

Meets or exceeds the requirements of ASTM C-270, Type S

LIMITATIONS:

Do not apply to frozen surfaces or if temperature will fall below 40°F 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 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.