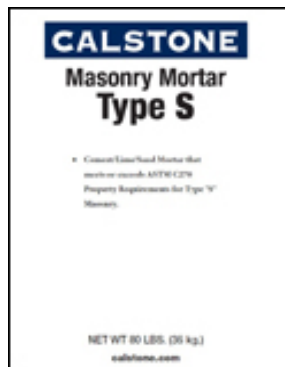


CALSTONE

Masonry Mortar

TYPE S MORTAR FOR BLOCK, BRICK AND STONE



PRODUCT

Masonry Mortar - Type S

MANUFACTURER

CALSTONE
426 East Grant Line Rd. Tracy, CA 95376
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CALSTONE.COM

DESCRIPTION

CALSTONE Masonry Mortars are high quality, factory blended mortars specifically designed for use by masonry contractors. It is a blend of cement - lime and sand. The product is produced under strict quality control guidelines in accordance with ASTM and IBC standards. Masonry Mortar provides a product superior to jobsite mixing. It is available in the following standard mix designs.

COLORS

Calstone Masonry Mortars may be ordered in standard colors and special order colors for individual project requirements. Tooling technique, weather, masonry units, and other factors will have a significant effect on the installed color. Do preconstruction mockups and perform installation techniques consistently throughout the entire project for best color results. There may be a slight color difference between masonry mortar - IWR.

EFFLORESCENCE

Calstone Masonry Mortar - IWR contain additives that reduce the potential for efflorescence. However, due to the many conditions beyond our control we cannot guarantee efflorescence will not occur.

USES

Masonry Mortar is used in the application of block, brick, and stone, or wherever a high quality masonry mortar meeting ASTM C270 is required.

ADVANTAGES

- Convenience of handling & transporting one product
- Excellent for multi-story and difficult access jobs
- Consistent color quality
- efflorescence protection (IWR)

PACKAGING

Masonry Mortar is available in 80 lb. weather resistant paper bags. Shelf life is 6 months when stored in a dry area in unopened bags.

COVERAGE

One 80lb bag will install approximately 17-20 concrete block or 25 square feet of mortar bed at ½" thick. Approximate yield is .61 cu. ft. /bag.

LIMITATIONS

- Do not use when temperatures are below 40° F.
- Do not add any admixtures without prior consent.
- Proper test methods and handling of test cylinders are important for jobsite testing.
- Proper curing is required.
- Follow ASTM guidelines for installation in high heat, cold or wind.

TECHNICAL SERVICES

Contact Calstone for technical advice.

TECHNICAL DATA

All Calstone Masonry Mortar meets the property specification requirements of ASTM C270. They also conform to the requirements of the current IBC, CBC, and California - DSA. Calstone Masonry Mortars are composed of Portland Cement (II/IV ASTM- C150), hydrated lime (ASTM-C207) and washed masonry sand (ASTM-C144). Calstone - IWR contain water repellent/efflorescence control additives. IWR compressive strength test specimens must be air cured per ANSI 118.1 for 7 days prior to testing due to their water repellent properties. All Type S mortars exceed 1800 PSI and type M mortars exceed 2500 psi when tested in accordance with ASTM C-270. Follow ASTM C-270 guidelines for mixing and test procedures.

INSTALLATION

Add Masonry Mortar to clean potable water and mix to the desired consistency. Recommended water is approximately 15- 20% by weight. Mix per ASTM C-270 - 3-5 minutes. Over mixing may entrain excessive air and lower strengths. Apply Masonry Units according to applicable International Building Code, ASTM and local building codes.

AVAILABILITY

Masonry Mortar is available at local building materials dealers.

WARRANTY

The technical information and usage statements are based on our best knowledge. The contents of this specification sheet are presented for informational purposes only and do not constitute responsibility for their use. The manufacturer will replace only that material which is proven defective due to quality of the components or the manufacturing process

HEALTH & SAFETY

Prolonged exposure to dust may cause delayed lung disease. Eliminate exposure to dust. Use NIOSH approved mask for silica dust. Freshly mixed materials may cause skin irritation. Avoid direct contact where possible and wash exposed skin areas promptly. If any cementitious materials gets into the eyes, rinse immediately and repeatedly with water and get prompt medical attention.

Refer to Safety Data Sheet (SDS) for further information. Available at Calstone.com.



WARNING: Cancer and Reproductive Harm - www.P65Warning.ca.gov.

