

# LAFARGE MAGNOLIA<sup>®</sup> SUPERBOND<sup>™</sup> MORTAR CEMENT TYPE S

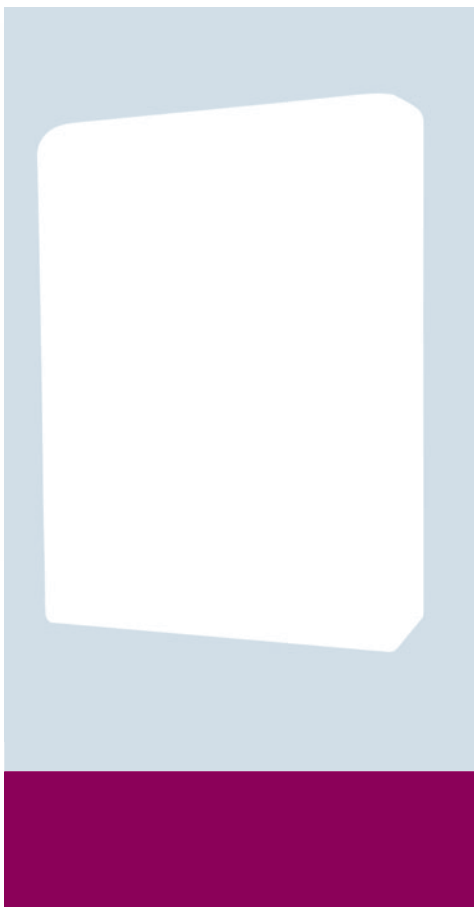


bringing materials to *life*<sup>™</sup>



## Long-lasting strength and adhesion

**Lafarge Magnolia Superbond** is a high strength mortar cement offering enhanced bond properties for applications that call for maximum compressive strength and workability along with top-notch adhesion. Lafarge Magnolia Superbond is designed for loadbearing, reinforced masonry walls and reinforced construction in high wind environments and in all seismic zones.



# Lafarge Magnolia® Superbond™ Mortar Cement Type S

## Typical Test Results

|                         |                    |
|-------------------------|--------------------|
| Air Content - 11.7%     |                    |
| Water Retention - 78.1% |                    |
| Compressive Strength    | 28 days - 3405 psi |
| Flexural Bond Strength  | 28 days - 131 psi  |

## Physical Properties

Lafarge Magnolia Superbond provides an excellent level of performance in the functional areas of workability, board life, bond and compressive strengths, durability and appearance.

## Limitations

Lafarge Magnolia Superbond is designed to be batched in a mechanical mixer at the rate of one bag of Superbond to 2-1/4 to 3 cubic feet of mason's sand conforming to ASTM C 144 and sufficient water to bring the resultant mortar to a desired workability. Mortar should be mixed for a minimum of 5 minutes after all materials have been charged into the mixer. The further addition of portland cement and/or hydrated lime is neither required nor recommended.

## Precautions

Direct contact with wet cement should be avoided. If contact occurs, the skin should be washed with water as soon as possible. Exposure can cause serious, potentially irreversible tissue destruction in the form of chemical (caustic) burns. If cement gets into the eyes, immediately rinse thoroughly with water and seek medical attention. For more information, reference the applicable Lafarge Material Safety Data Sheet (MSDS). The MSDS should be consulted prior to use of this product and is available upon request and online at [www.lafarge-na.com](http://www.lafarge-na.com).

## Limited Warranty

Lafarge warrants that Lafarge Magnolia Superbond Mortar Cement Type S meets the requirements of the International Building Code (IBC). Lafarge makes no other warranty, whether of merchantability or fitness for a particular purpose, with respect to Lafarge Magnolia Superbond Mortar Cement Type S. Having no control over its use, Lafarge will not guarantee finished work in which Lafarge Magnolia Superbond Mortar Cement Type S is used.

## Product Name

Lafarge Magnolia® Superbond™  
Mortar Cement Type S

## Manufacturer

Lafarge North America Inc.  
Lafarge Building Materials Inc.  
12018 Sunrise Valley Drive  
Suite 500  
Reston, VA 20191

[www.lafarge-na.com](http://www.lafarge-na.com)

## Product Description

Lafarge Magnolia Superbond Mortar Cement Type S is a specially formulated blend of portland cement, plasticizers and other agents which will meet all the requirements of the International Building Code (IBC) standard, Cementitious Material for the Preparation of Type S Mortar. When mixed in accordance with the proportions listed in IBC Table 2103.7(1) or ASTM C 270, the resultant mortar exhibits higher bond strengths at air levels below 12% which makes it an ideal one-bag replacement for portland cement and hydrated lime systems. It exhibits excellent workability and delivers long board life.

**Type:** Lafarge Magnolia Superbond can be used to produce mortar for use in brick, block and stone masonry construction in all seismic zones. When proportioned in accordance with the IBC Table 2103.7(1) or ASTM C 270 table for Type S mortar, no further cement needs to be added to make Type S Mortar.

## Technical Data

**Applicable standards:** ASTM C 1329; *Specifications for Mortar Cement*, ASTM C 91; *Specification for Masonry Cement*, ASTM C 270; *Specification for Mortar for Masonry*, ASTM C 514-90 and C 514-74; *Test Methods for Water Penetration and Leakage of Masonry*, and the IBC.

Contact your Lafarge Cement office for specific product information, availability and ordering.

Lakes and Seaway Business Unit  
Bingham Farms, Michigan  
Phone: 248-594-1991

River Business Unit  
Lee's Summit, Missouri  
Phone: 816-251-2100

U.S. East Business Unit  
Alpharetta, Georgia  
Phone: 678-746-2000



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