

Argos Superbond™ product 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.

This product is designed for loadbearing, reinforced masonry walls and reinforced construction in high wind environments and in all seismic zones Argos Superbond™ meets or exceeds all applicable chemical and physical requirements of ASTM C1329.

Typical Test Results	
<b>Air Content</b>	<b>13%</b>
<b>Water Retention</b>	<b>77%</b>
<b>Compressive Strength</b>	<b>3630 PSI</b>
<b>Flexural Bond Strength</b>	<b>310 PSI</b>

#### Physical Properties:

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

Argos 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 ASTM C270, the resultant mortar exhibits higher bond strengths 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: Argos 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), TMS 402-15/ACI 530.1-13/ASCE 6-13 or ASTM C270 table for Type S mortar, no further cement needs to be added to make Type S Mortar.

#### Applicable standards:

- ASTM C1329, Specification for Mortar Cement
- ASTM C91, Specification for Masonry Cement
- ASTM C270, Specification for Mortar for Unit Masonry
- ASTM C1072, Test Methods for Flexural Bond Strength

#### Limitations

Argos 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 C144 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 Argos Safety Data Sheet (SDS). The SDS should be consulted prior to use of this product and is available upon request.

#### Limited Warranty

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

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