

# SPECIFICATION

## Data Sheet



### PRODUCT NAME

American Cement AmStar™  
High Strength Masonry Cement

### MANUFACTURER

American Cement Company, LLC  
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### PRODUCT DESCRIPTION

#### *Basic Uses:*

American Cement's AmStar™ High Strength Masonry Cement is used to make Type "S" and "M" mortar, as defined by ASTM C-270, Standard Specification for Mortar for Unit Masonry.

AmStar™ High Strength Masonry Cement is ideally designed for both commercial and residential construction. It has all the characteristics to ensure productivity on the job site; superior workability, long board life, great bond strength and uniform color.

AmStar™ High Strength Masonry Cement should be mixed with specified amounts of water additions and masonry sand (ASTM C-144) then tested according to the property specification section of (ASTM C270). Exceeding maximum recommended amounts per bag or using incorrect sand will result in inferior physical properties.

#### *Size:*

AmStar™ High Strength Masonry Cement is available in 80 pound paper bags and in bulk via pressurized air tankers.

#### *Applicable Standards:*

AmStar™ High Strength Masonry Cement conforms to ASTM C 91 Standard Specification for Masonry Cement.

### INSTRUCTIONS PER BAG

Type	Sand	Blocks Per Bag
S	3 – 4 parts 18 – 24 shovels	75 – 96
M	2.5 – 3 parts 15 – 18 shovels	66 - 75

### INSTALLATION

#### *Mixing:*

Add minimum quantity of clean water and mix for a minimum of 3 to 5 minutes to achieve mortar consistency for proper placement

#### *Retempering:*

To minimize retempering, mortar should not be mixed more than 15 minutes prior to use. Retempering will not adversely affect mortar quality if only evaporated water is replaced.

#### *Tooling of Joints:*

Tooling of mortar joints increases the density, durability and water tightness of the mortar surface. The moisture content of the mortar at the time of tooling will affect the color; the drier the mortar, the darker its final color.

### MAINTENANCE

American Cement's AmStar™ High Strength Masonry Cement should be stored appropriately in a dry location above the ground. Contact with humidity and carbon dioxide in the air will cause deterioration in cement performance.

### GUARANTEES

American Cement's AmStar™ High Strength Masonry Cement, when mixed with masonry sand ASTM C-144 and tested according to the property specification section of ASTM C-270 will produce mortar that complies with the requirements for Types "S" and "M" Masonry. This product meets or exceeds ASTM C-91.

### TECHNICAL SERVICE

American Cement Company personnel are available to provide technical assistance by contacting 1-866-757-5393.

