

Roanoke Cement Masonry Cement **Type S**

75 lbs. / 34.02 kg.



Roanoke Cement's Type S Masonry Cement is proven in demanding applications, including mortar for concrete masonry units, clay brick, stone, and architectural masonry. It delivers the higher strength and bond performance required for structural masonry while maintaining excellent workability.

- **Superb workability**
- **Consistent performance**
- **Extended water retention**
- **Quality packaging**

Recommended Uses

Type S Masonry Cements have a proven track record. This product is specifically designed to be used in the installation of concrete block, decorative stone, brick, and many other masonry applications.

Specifications and Qualities

Masonry Cement Type S is a high-strength masonry cement intended for applications requiring increased bond and compressive strength. Its consistency is formulated for use in above- and below-grade unit masonry construction with concrete masonry units, clay brick, stone, and other structural masonry materials. When mixed and tested in accordance with the property specifications of ASTM C270, Type S mortar produced with this cement meets or exceeds the minimum required compressive strength of 1,800 psi (12.4 MPa) at 28 days.

Accessory Products

The water and aggregate used in the mixing process should be free of any substance that could adversely affect the hardened masonry or any metal accessories used in the system.

Type	Proportional Mixing Guidelines			Blocks Per Bag
	Masonry 75 lbs. Bags	Sand		
		Parts Cement : Sand	Shovels/Part	
S	1 Bag	3 : 3½	18 - 21	76 - 96

Cement Preparation

Masonry Cement Type S will not perform as designed if the mixing instructions and proportions are not followed correctly. It is important to ensure that the product does not dry out prematurely; this condition can affect overall strength and durability of the finished product. Mix mortar in a mechanical mixer as follows:

1. Add approximately 2/3 of the potable water required.
2. Add 1/2 of the sand (ASTM C-144 approved) required.
3. Add Masonry Cement Type S.
4. Add the remainder of the sand (ASTM C-144 approved).
5. Add enough potable water to bring the mortar to the desired consistency.
6. Allow mortar to mix 5 minutes from the introduction of the last ingredient.

Instructions

- No allowances for waste, aggregate size or field conditions.
- One bag of Masonry Cement is approximately one cubic foot by volume.
- Approximately 6 #2 shovels of damp, loose sand equals one cubic foot by volume.
- Actual coverage will vary.

Caution

Causes skin irritation, injurious to eyes. Contains Portland Cement. Freshly mixed cement, mortar, concrete or grout may cause skin injury. Avoid contact with skin where possible and wash exposed skin areas promptly with water. If any cement or cement mixtures get into the eyes, rinse immediately and repeatedly with water for 15 minutes and get prompt medical attention.

View Safety Data Sheet for more information.



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