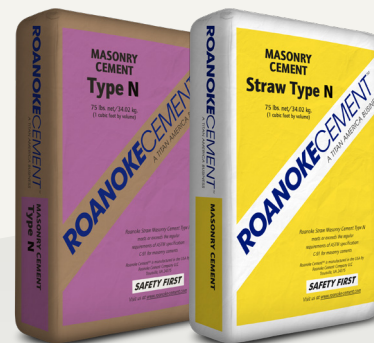
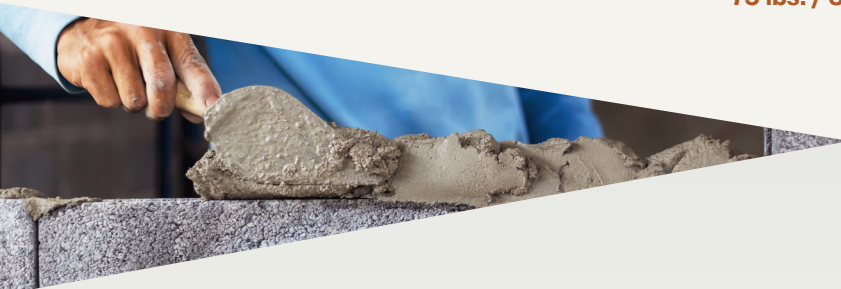


# Roanoke Cement Masonry Cement **Type N**

75 lbs. / 34.02 kg.



Roanoke Cement's Type N Masonry Cement has a proven track record on many applications including mortar for concrete block, clay brick, glass block, stone and decorative masonry jobs. Its qualities are pleasing to designers, masons, and property owners.

- **Extensively tested**
- **Controlled production**
- **Superb workability**
- **Excellent crack reduction qualities**
- **Characteristics desired by masons**

## Recommended Uses

Masonry Cement Type N is a general purpose masonry cement. Type N Masonry Cement consistency is specifically designed for use in above grade unit masonry applications with products such as concrete block, clay brick, glass block and stone.

## Specifications and Qualities

Masonry Cement is a high-quality, versatile product formulated from finely ground Portland cement and carefully selected materials to meet a wide range of job requirements. Its characteristics include excellent workability, sand-carrying capacity, adhesiveness, water retention, and controlled setting time. Masonry Cement Type N, when mixed and tested in accordance with the property specifications of ASTM C270, meets or exceeds the minimum required compressive strength of 750 psi (5.2 MPa) at 28 days for Type N mortar. Masonry Cement Type N meets or exceeds the requirements of ASTM C91.

## 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
	Titan America Masonry 75 lbs. Bags	Sand		
		Parts Cement : Sand	Shovels/Part	
<b>N</b>	<b>1 Bag</b>	<b>2½ : 3½</b>	<b>15 - 21</b>	<b>66 - 75</b>

## Cement Preparation

Masonry Cement Type N 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 N.
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.



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