

Description

TradeCraft Pre-mixed Sanded High Strength Mortar Type S, N and M is a contractor grade mortar mix designed to lay brick, set block, patching, tuck point and stone work. This product exceeds ASTM C-270.

Mortar color is gray. If color is desired, add TradeCraft Color Paks or mortar colors may be factory blended.

Directions for Mixing

Use approximately 2 gallons of water per 80 lb bag. Pour clean potable water in the mixer. While the mixer is on, begin adding bags of Type S, N and M Sanded High Strength Mortar Mix. If the mixture becomes too thick, add additional clean water until a smooth plastic-like consistency is obtained. Excessive water reduces strength.

Installation

1. Apply approximately 1/2" to 3/4" thick mortar to a full bed base.
2. Push block or brick downward into the mortar bed and sideways against the previously laid block and tap into place.
3. Tool the joint when the mortar is resistant to thumbprints.

Packaging & Yields

80 pound bag will lay approximately (18) 8" x 8" x 16" concrete blocks or (40) common bricks with 3/8" joint. Approximately 2/3 cu. ft. wet volume. Add approximately 1 2/3 to 2 gallons of water per 80 lb bag.

94 pound bag will lay approximately (22) 8" x 8" x 16" concrete blocks or (47) common bricks with 3/8" joint. Approximately .88 cu. ft. wet volume. Add approximately 2 to 2.25 gallons of water per 94 lb bag.

Actual yields may vary from these estimates due to variability in the sand and trade practices.

For Best Results

Use only when temperature is 40° F and above. In cold weather use warm, **not hot** water for mixing.

Dampen the block or the repair area before applying the new mortar to prevent premature drying of the new material.

Keep the new mortar damp for at least three (3) days by an occasional fine spraying with water.

Specification Requirements^A

Mortar	Type	Average Compressive Strength at 28 Days, Min. psi (Mpa)	Water Retention, min. %	Air Content, max. %
Cement-lime	M	2500 (17.2)	75	12
	S	1800 (12.4)	75	12
	N	750 (5.2)	75	14 ^B
Masonry Cement	M	2500 (17.2)	82	12 - 18 ^C
	S	1800 (12.4)	82	12 - 18 ^C
	N	750 (5.2)	82	12 - 18 ^C

^A Laboratory prepared mortar only per ASTM C-270.

^B When structural reinforcement is incorporated in cement-lime mortar, the maximum air content shall be 12%.

^C When structural reinforcement is incorporated in masonry cement mortar, the maximum air content shall be 18%

Clean Up

Clean up is simple and easy with soap and water. Rinse tools before material hardens.

Caution

AVOID CONTACT WITH SKIN INJURIOUS TO EYES. Contains Portland Cement (CAS #65997-15-1). Freshly mixed cement, mortar, concrete, grout, or stucco may cause skin injury including severe alkali burns. If exposed, wash skin promptly and repeatedly for 15 minutes and get prompt medical attention. The use of gloves and protective eye wear is recommended.

Warning Inhalation Hazard: Avoid Inhalation of dust from this product, which contains crystalline silica that causes lung disease and cancer. Use with mechanical ventilation or respiratory protection (dust masks).

KEEP OUT OF REACH OF CHILDREN

EXCLUSION OF INCIDENTAL AND CONSEQUENTIAL DAMAGES Neither the manufacturer nor the retailer of this product shall be liable for any incidental or consequential damages caused by the use of this product.