



S-750 THIN BRICK POINTING MORTAR

PRODUCT DESCRIPTION:

S-750 is a factory mixed masonry cement mortar mix designed for use as a pointing mortar that is applied manually, with a grout bag or with a mortar dispensing gun. S-750 was designed specifically for grouting thin veneer brick units such as Summitville Thin Brick. S-750 may be used as a tuck pointing mortar by reducing the liquid content of the mix. S-750 has good tooling characteristics not only for appearance but to seal the interface between mortar and masonry unit. Brick should be set on an approved substrate using S-810/S-777 tile setting mortar system, which has cured for a minimum of 48 hours at 70°F before grouting. S-750 may also be used with panelized wall systems.

TECHNICAL DATA: Physical Properties

Non PM		
Compressive Strength:	7 days	2500 psi.
	28 days	3000 psi.
PM		
Compressive Strength:	7 days	3700 psi
	28 days	2800 psi

MIXING FOR DISPENSING GUN:

Use a mortar-dispensing gun such as a QUIKPOINT® mortar gun from QUIKPOINT, Inc., or a grout bag. S-750 should be mixed with 2 ½ to 3 oz. of liquid per one pound of powder. Mix 2 to 5 minutes, preferably with a slow speed mechanical mixer. Let mortar stand approximately 10 to 15 minutes for prehydration. Add liquid as necessary to bring mortar to proper consistency. Mortar must be used within 1 ½ hours of its initial mixing. Mortar may be tempered as required within this 1 ½ hour time interval. After this time interval, do not temper. The mortar must be discarded and fresh mortar prepared.

MIXING FOR TUCK POINTING:

Mix S-750 PM with sufficient cool, potable water (2 to 2 ½ oz. of liquid per one pound of powder) and mix S-750 Non PM with sufficient cool potable water or S-820 liquid latex (2 ½ to 3 oz. of liquid per one pound of powder) to product a damp mix that will retain its shape when pressed into a ball by hand. Mix 2 to 5 minutes, preferably with a mechanical mixer. Let mortar stand for not less than 10 minutes for pre-hydration, then add sufficient liquid to bring S-750 to the proper consistency for tuck-pointing.

APPLICATION FOR DISPENSING GUN:

Charge dispensing gun, such as a QUIKPOINT® mortar gun from QUIKPOINT, Inc., or a grout bag with S-750 mixed to the proper consistency. Apply to cleaned joint approximately flush with face of brick. Allow mortar to set until its surface is no longer tacky or thumbprint hard before tooling joint. This time will depend on temperature, humidity and surface absorption rates. Brush joints to remove excess mortar after mortar cures.

APPLICATION FOR TUCK POINTING:

After S-750 has pre-hydrated for approximately 10 to 20 minutes, add liquid to bring S-750 to proper consistency for tuck-pointing. (Retain its shape when pressed into a ball by hand). Apply to clean joints and allow to set until mortar is thumbprint hard before tooling joints. This time will depend on temperature, humidity and surface absorption rates. Brush joints to remove excess mortar after mortar cures.

COLOR: Mexican Sand, Chocolate Chip, Morel, Natural Gray, Black, Summitville Red, Seashore

CAUTION:

If the entire wall is not to be re-pointed, the color and texture should closely match those of the original mortar. An exact match is virtually impossible to achieve. If very rapid drying of S-750 under hot, dry and

windy conditions should occur, a fog spray should be used to very lightly wet the masonry before pointing joints. Protect from rain for 24 hours.

COVERAGE:

For thin brick applications: Sq. ft per lbs.

Thin Brick Size	Joint Width		
	<u>1/4"</u>	<u>3/8"</u>	<u>1/2"</u>
2 1/4" x 7 3/4" x 3/8"	2.0	1.5	1.0
2 1/4" x 7 5/8" x 9/16"	1.5	1.0	0.75
3 5/8" x 7 5/8" x 9/16"	2.1	1.5	1.0
3 5/8" x 11 5/8" x 9/16"	2.2	1.6	1.1

Coverage will be reduced when S-750 is used with panel adhesives instead of traditional S-777/810 mortar, as the tuck point fill space to panel face may be deeper. Coverage of such will vary in accordance with installation techniques.

PACKAGING:

S-750 is available in 50 pound bags.