



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 hawk and trowel, mortar tuck point bag or with a mortar dispensing gun. S-750 was designed specifically for pointing thin veneer brick units such as Summitville Thin Brick. S-750 is offered in a standard formulation and a PM version that has been enhanced with a proprietary blend of powdered polymers for superior moisture and freeze fracture resistance and color protection after cure. S-750 may be used as a hawk and trowel tuck pointing mortar by reducing the liquid content of the mix. S-750 has excellent tooling characteristics not only for appearance but to seal the interface between mortar and masonry unit. S-750 is far superior to standard tuck point mix recipes. 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	3000 psi
	28 days	3000 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 full hydration. After hydration, add liquid to adjust consistency if needed 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.

APPLICATION FOR DISPENSING GUN:

Charge dispensing gun, such as a QUIKPOINT® mortar gun from QUIKPOINT, Inc., or a tuck point mortar bag with S-750 mixed to the proper consistency. Apply to cleaned joint, slightly overfull or fill to at least flush with the face of the brick or tile. 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. Strike joints with a striking tool to give desired effect or for old world overfilled joints appearance, leave joints overfull and allow to cure. If joints have been tooled for flush or recessed appearance, allow tooled joints to fully cure before cleaning. After joints have cured, brush joints to remove excess mortar or use a power washer. Mortar must be used within 1 ½ hours of its initial mixing.

MIXING FOR TUCK POINTING:

STANDARD S-750 INSTRUCTIONS:

Mix standard S-750 with sufficient cool potable water or S-820 liquid latex diluted to the proper ratio with potable water, (2 ½ to 3 oz. of liquid per one pound of powder) to produce a damp mix that will retain its shape when pressed into a ball by hand. S-800 or 810 may also be used. Mix 2 to 5 minutes, preferably with a mechanical mixer. Let mortar stand for approximately 10 to 15 minutes for full hydration, then add sufficient liquid to bring S-750 to the proper consistency for tuck-pointing.

S-750 PM INSTRUCTIONS:

Mix S-750 PM with sufficient cool, potable water (2 to 2 1/2 oz. of liquid per one pound of powder) to produce 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 full hydration, then add sufficient liquid to bring S-750 PM to the proper consistency for tuck-pointing. Mortar must be used within 1 1/2 hours of its initial mixing. Do not add additional latex to S-750 PM as this will change the color and handling characteristics.

APPLICATION FOR TUCK POINTING:

After S-750 has fully hydrated for approximately 10 to 15 minutes, add liquid to bring S-750 to proper consistency for tuck-pointing. (Retain its shape when pressed into a ball by hand). Mortar must be used within 1 1/2 hours of its initial mixing. 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. Strike joints with a striking tool to give desired effect or for old world overfilled joints appearance, leave joints overfull and allow to cure. If joints have been tooled for flush or recessed appearance, allow tooled joints to fully cure before cleaning. After joints have cured, brush joints to remove excess mortar or use a power washer.

COLORS: Mexican Sand, Chocolate Chip, Morel, Natural Gray, Black, Summitville Red, Seashore, Custom colors available with 2500 pound minimum order. For custom colors, plan to allow for sufficient color development time.

CAUTION:

Per ANSI A 108.02, Do not install in areas where the temperature is not maintained above 50°F (10°C) or the temperature is above 100°F (38°C). Grout, mortar, substrate, tile, brick and stone temperatures must all be maintained between 50°F (10°C) and 100°F (38°C) before install and until cure is completed. 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 moisten the masonry before pointing joints. Protect from rain for 24 hours minimum at 70°F constant. Protect from freezing for 142 continuous hours (5 days). Product must be kept warm (50°F or above) for a minimum of 96 continuous hours after initial installation in low temperatures. Do not install in/on frozen substrates/surrounding materials.

COVERAGE:

For thin brick applications: Sq. ft per lbs.

Thin Brick Size	Joint Width		
	1/4"	3/8"	1/2"
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 may 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 will vary in accordance with installation techniques.

PACKAGING:

S-750 is available in 50 pound bags.