

# S-776 QUICK-SET GROUT AND MORTAR ADDITIVE

## PRODUCT DESCRIPTION:

S-776 is a specially formulated and balanced acrylic latex accelerator additive designed for use with all Summitville cementitious grouts and mortars. It is designed to accelerate the curing of these products in order to speed up installation and clean up. S-776 is useful where only a minimum amount of downtime can be tolerated. When used in lieu of water or standard latex products, S-776 provides initial set times of about 1 hour and final set times of about 3 hours at 75°F. At cooler ambient temperatures set times will be retarded; at higher ambient temperatures set times will be accelerated. Do not set or grout with S-776 if ambient or substrate temperatures are below 50°F or above 90°F. Do not grout in direct sunlight.

## USES:

S-776 is designed for use with Summitville's cementitious grouts and mortars. S-776 can also be used in mortar bed applications in lieu of water.

## LIMITATIONS:

S-776 is designed to be mixed with *cementitious products only*. *Do not mix with Epoxies!* If a quick setting epoxy is desired, S-500QS quick setting epoxy is recommended.

Grouts installed with S-776 may cure to a lighter shade than with water or standard latex due to the rapid cure. Always test an area first to be sure you obtain the results you expect.

## TECHNICAL DATA:

The physical properties of the base product, such as tensile strength, flexibility, water absorption and adhesion will be improved.

## MIXING:

S-776 should be stirred before using. To facilitate mixing, add the desired Summitville Laboratories' grout formula to S-776 liquid and mix using hand tools or a slow spin powered mixer. *Care should be taken to avoid whipping air into the mix.* The following mix ratios should be followed:

S-700 Sanded Grout, 25 lbs.	S-776 - 1/2 gal.
S-667/S-687 Unsanded Grout, 10 lbs.	S-776 - 1 quart
S-759, S-763, S-777, S-780, S-1000 MP, 25 lbs. Mortar Bed Mix	S-776 - 1 gal. Gauge with S-776

ANY DEVIATIONS OR ADDITIONAL DILUTIONS WILL WEAKEN THE FINAL MIX SUBSTANTIALLY.

## CAUTION:

Protect installation from light traffic for a minimum of 5-7 hours and heavy traffic for a minimum of 24 hours depending on installation, temperature, and humidity conditions. Standard grade or porous bodied tile must be protected from water saturation for a minimum of 7 days to allow proper bonding. For improved performance of exterior installations subjected to freezing and thawing, grout the tiles 28 days **before freezing temperatures** are expected. PROTECT S-776 FROM FREEZING.

## PROTECTING NEW TILEWORK:

To avoid damage to finished tilework, schedule floor installations to begin only after all structural work, building enclosure, and overhead finishing work, such as ceilings, painting, mechanical and electrical work are completed. Keep all traffic off of finished tile floors until it has fully cured, or provide up to 3/4" thick plywood protection over Kraft paper to protect floors before installation materials have fully cured.

## WARNING:

Do not ingest. Avoid contact with skin and eyes. Flush affected area with water immediately and consult a physician. KEEP AWAY FROM CHILDREN.

## CLEAN-UP:

Excess grout should be removed from the surface of the tile immediately. Cured latex grout films are practically impossible to remove. Clean tools immediately after use with hot soapy water. To facilitate clean-up of residual grout film, clean immediately by using hot water or hot water with liquid soap (dishwashing detergent) and a stiff cellulose sponge. Best results are achieved when a small amount of liquid detergent is applied directly to the dampened cellulose sponge surface. SL-86 may be used to help remove cured latex grout from tile.

## COVERAGE:

The coverage of S-776 is the same as the base product. Refer to the respective bag instructions for coverage.

## PACKAGING:

S-776 is available in 1 gallon, 5 gallon and 55 gallon containers.

## SPECIFICATIONS:

Material: S-776 shall be synthetic acrylic latex resin accelerator additive as manufactured by Summitville Tiles, Inc., Summitville, Ohio, and when mixed with cementitious grout this system shall meet or exceed ANSI A118.7 specifications. When mixed with cementitious mortars this system shall meet or exceed ANSI A118.4 specifications. For grouting or setting any type of ceramic tile on floors or walls as stated in base product specifications.

Color: Color shall be #910 White.



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