



LATICRETE® 500 SERIES Sanded Grout



PRODUCT DESCRIPTION

LATICRETE® 500 Series Sanded Grout is a Tile grout consisting of a carefully blended mix of Portland Cement, graded aggregates and color-fast pigments. Designed for use with LATICRETE 1776 Grout admix for optimum performance. It is suitable for non-absorbent & vitreous type tiles for grout joints 3-12mm. The grout with the grout admix provides a grout joint that is dense, hard and durable, color fast and less water absorbent. Available in a full range of architectural colors.

Application

Ideal for use with Ceramic tile, Vitrified tile, brick etc. When grouting soft bisque glazed wall tile or marble use LATICRETE Non-Sanded Grout.

Advantages

- colour-fast
- weather resistant
- easy maintenance
- non-shrinking
- non-cracking
- Easy application and clean up
- No wet curing required when with latex

Packaging - 10 kg bag

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for one (1) year* if stored off the ground in a dry area.

*High humidity will reduce the shelf life of bagged product.

Limitations

- For absorbent tile and marble use LATICRETE Non-Sanded Grout.
- Do not use where chemical resistance is required. Use LATAPOXY 2000 or LATAPOXY SP-100.
- Do not use acid to clean colored grout joints.
- For use with LATICRETE 1776 Grout Admix.
- Jobsite conditions will affect the final color of colored grouts.
- Try a small test area to determine your results before grouting entire installation.
- Certain types of tile are more absorbent than others and may be stained by pigment during grouting. Prior to grouting, test for absorption of color pigment.
- Mixing with water or other additives can result in color shade variations.
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for waterproof membranes. When a waterproof membrane is required, use a LATICRETE Waterproof Membrane

Cautions

- During cold weather, protect finished work from traffic until fully cured.
- Contains Portland cement and silica sand. May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water.
- Do not take internally. Silica sand may cause cancer or serious lung problems. Avoid breathing dust. Wear a respirator in dusty areas.
- Keep out of reach of children.

TECHNICAL DATA

Applicable Standard
ANSI A118.6 -1992

Performance Properties

500 Series Sanded Grout mixed with
LATICRETE 1776

Test	Test Method	Results
Compressive Strength	ANSI A118.6-1992; H 4.5	3650 psi (25.1 MPa)
Linear Shrinkage	ANSI A118.6-1992; H 4.3	<0.1%
Tensile strength	ANSI A118.6-1992; H 4.6	350 psi (2.4 Mpa)
Flexural strength	ANSI A118.6-1992; H 4.7	700 psi (4.8 Mpa)

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

Working Properties

500 Series Sanded Grout mixed with
LATICRETE 1776 (70° F(21° C))

Pot Life	1 hour
Foot Traffic	12 hours
Heavy Traffic	24 hours
Wet Density	1720 kg/m ³

INSTALLATION

Surface Preparation

Before starting to grout remove spacers and debris in grout joints and remove dust and dirt using a wet sponge. Do not leave water standing in joints.

Substrate temperature must be between 40° F(4° C) and 90° F(32° C). Apply grout release or sealer if necessary

Refer to LATICRETE Grout Trouble Shooting Guide for more information on grouting.

Mixing - Stir LATICRETE GROUT ADMIX thoroughly before use.

Use approximately 1.75 ltrs of LATICRETE 1776 for 10 kg of LATICRETE 500 powder. Place LATICRETE 1776 in a clean mixing container and add grout powder slowly. Mix by hand or with a slow speed mixer to a smooth stiff consistency.

Application

Dampen tile surface with water. Spread with a sharp, firm rubber grout float. Work the grout paste into the joints until completely filled. Use diagonal strokes to pack the joints. Insure that joint is filled and grout is not just sitting on top (i.e. "bridging the joint").

Note: For fuller flush joints sprinkle a thin layer of dry grout powder over surface immediately after grouting. When grout darkens over joint, buff with burlap, carpet remnant or cotton rag to pack joint and clean face of tile.

Cleaning

Grout Primary Cleaning - Remove excess grout from the face of the tiles with the edge of the grout float. Hold the float

at a 90° angle and pull it at a 45° angle diagonally across the joints and tile to avoid pulling out the material.

Grout Secondary Cleaning - Remove remaining grout with a damp sponge (not wet) or a damp towel. Work diagonally to the joints. Allow to dry. When the grout joints are firm polish the surface with a coarse nylon pad or coarse cloth and minimal water.

Note: Use caution when polishing soft glazed tiles or polished stone.

Selecting Other Grout Materials

LATICRETE has grouting materials designed for every use. For installations that require high strength and chemical resistance choose LATAPOXY® 2000 or LATAPOXY SP-100. These products are ideal for installations where a stainfree colorfast grout is desired.

AVAILABILITY AND COST

Availability

LATICRETE and LATAPOXY® materials are available worldwide. For distributor information, call:
Telephone: +91-40-30413100
FAX: +91-40-23378784
e-mail: contact@myklaticrete.com

Cost

Contact a LATICRETE Distributor in your area for complete pricing information.

MAINTENANCE

LATICRETE and LATAPOXY grouts require routine cleaning with a neutral pH soap and water. All other LATICRETE and LATAPOXY materials require no maintenance but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

WARRANTY

MYK LATICRETE India Pvt Ltd warrants that LATICRETE® 500 SERIES Sanded Grout is free from manufacturing defects and will not break down, deteriorate or disintegrate under normal usage for a period of one (1) year from date of purchase subject to the terms and conditions stated in LATICRETE Product Warranty

TECHNICAL SERVICES

Technical assistance

Information is available by calling the LATICRETE Technical Service
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