



Hydroment[®] Ceramic Tile Grout[™] SANDED

FOR USE IN GROUT JOINTS FROM 1/8" TO 1 1/2"

KEY FEATURES

- Exceeds ANSI A118.6 and A118.7 requirements
- Contains Bostik's Blockade[™] Antimicrobial Protection
- Interior and exterior, floors, walls and ceiling installations

DESCRIPTION

Hydroment[®] Ceramic Tile Grout[™] Sanded is a proven blend of carefully graded quartz aggregates, Portland cement, colorfast pigments and other special proprietary ingredients. It provides superior hardness, consistent, uniform color, strength and durability with a wide variety of tiles. Additionally, Hydroment[®] Ceramic Tile Grout[™] Sanded has rapid curing characteristics. Exceeds requirements of ANSI A118.6 when mixed with water, and ANSI A118.7 mixed with Bostik 425[™] Multi-Purpose[™] Acrylic Latex Admixture.

Bostik Hydroment[®] Ceramic Tile Grout[™] Sanded meets ANSI A118.6 when mixed with water. ANSI A118.7 when mixed with Bostik 425[™] Multi-Purpose[™] Acrylic Latex Admixture and ANSI A118.8 mixed with Bostik 1900[™] Modified Epoxy.

WHERE TO USE

Hydroment[®] Ceramic Tile Grout[™] Sanded may be used for interior and exterior; residential and commercial, installations on floors and walls in dry to intermittent wet or submerged* applications.

*When mixed with 425[™] Multi-Purpose[™] Acrylic Latex Admixture

PRODUCT USES

Hydroment[®] Ceramic Tile Grout[™] is used for grouting all types of ceramic tile, ceramic mosaics, porcelain, quarry tile, brick, pavers, slate, granite, cultured marble, dimensional stone and structural glazed tile. Use where joint size is 1/8" to 1 1/2".

NOTE: It is the user's responsibility to determine the condition and suitability of all surfaces before application.

DIRECTIONS FOR USE

Read and understand technical and safety data sheets completely before beginning installation. Follow applicable ANSI, NTCA and TCNA installation standards. Refer to www.bostik-us.com for the most recent product information and safety data sheet prior to installation. Refer to TCNA handbook for grout installation guidelines.

SURFACE PREPARATION

Remove all spacers, debris and adhesive from the joints to ensure a minimum of 2/3 the thickness of the tile is available prior to grouting. Ensure tile is firmly set and mortar is completely dry before grouting. Remove all dust and debris from tile surface with a wet sponge.



CAUTION: Use care when applying colored grouts over highly absorptive, porous / textured surfaces and polished porcelain. Certain tiles may retain colored pigments. Prior to grouting, a grout release or tile sealer may be required to prevent staining. Prior to actual installation always test in a separate area to ensure compatibility between grout and tile and refer to tile manufacturer's specific instructions.

MIXING

In a clean pail add 25 pounds of grout to a 1/2 gallon of Bostik 425[™] Multi-Purpose[™] Acrylic Latex Admixture or clean potable water; or add 9 lbs. of grout to 1 1/2 pints (24 oz.) of Bostik 425[™] Multi-Purpose[™] Acrylic Latex Admixture or clean potable water. Mix slowly to a smooth, paste-like consistency. Allow mixture to stand for 15 minutes, and remix prior to application to eliminate streaks and ensure uniform color. Grout can be re-mixed during its pot life for improved workability. Do not re-temper by adding more liquid. When mixing with Bostik 1900[™] Epoxy Modified Grout and Mortar Admixture, consult 1900[™] technical data sheet.

TYPICAL PHYSICAL PROPERTIES

Working Time at 70°F (21.1°C)	1 hour
Pot Life at 70°F (21.1°C)	1 hour
Final Set at 70°F (21.1°C)	2 - 3 hours

ANSI 118.7

	ANSI 118.7 Requirement	Typical Values
Compression (28 days)	>3000 psi	5500 - 6500 psi
Shrinkage (27 days)	<0.2%	0.05 - 0.19%
Tensile Strength (28 days)	>500 psi	600 - 700 psi
Water Absorption (28 days)	<5.0%	2 - 3%
Flexural Strength (28 days)	>1000 psi	1,100 - 1,200 psi

Although it is not required, the use of Bostik grout admixtures always improve the performance of Bostik Hydroment® Ceramic Tile Grout™, especially in freeze/thaw environments, in wood framed construction, or when grouting porcelain tile.

APPLICATION

Lightly dampen tile before grouting. Spread grout over the face of the tile using a rubber grout float. Work grout back and forth at a 45° angle to the face of the tile to ensure complete filling of joints. Remove excess grout using the edge of the rubber float moving diagonally across the face of the tile.

GROUT CLEANING

INITIAL CLEANING Depending on humidity and temperature, begin initial cleaning after grout becomes firm, usually 30 to 40 minutes. Using a slightly dampened sponge, clean tile by working in a diagonal motion to the grout joints. Rinse sponge frequently using two pails of water, one for rinsing out the heavy residue and the other for rinsing the sponge out with clean water. Avoid cleaning with excessive water as it will cause shade variations or efflorescence.

FINAL CLEAN UP Depending on humidity and temperature, begin final clean up approximately 1.5 to 2 hours after initial cleaning. Using a damp nylon scrub pad (i.e.: 3M Doodlebug®) wipe diagonally across the face of the tile. Change water and rinse pad frequently to minimize the build up of grout haze. Use a grout cleaner for cleaning difficult grout haze. Excess water during clean-up may result in a lighter color or weaker strength grout joint. Never use acid cleaners as they may result in irreversible damage to the grout or tile.

NOTE: Excess water during clean-up may result in a lighter color or weaker strength grout joint. Never use acid cleaners as they may result in irreversible damage to the grout or tile.

CURING

Keep all heavy foot traffic off the installation until grout is firmly set (approximately 8 to 12 hours). When mixed with water, damp cure for 3 days by wiping joints with a clean, damp sponge several times per day, or by covering joints with non-staining Kraft® paper. Improper curing may result in light color and weak joints. Do not damp cure when 425™ Multi-Purpose™ Acrylic Latex Admixture or Flex-A-Lastic® is used.

CLEAN UP

Clean all tools and equipment with soap and water. Do not allow material to dry on surface of tile.

LIMITATIONS

- Do not use for grouting polished marble, use Hydroment® Dry Tile Grout™ Unsanded.
- Do not use in applications where high chemical and stain resistance is required (use Bostik EzPoxy™ EzClean™ 100% Solids Epoxy Mortar & Grout).
- Do not apply in temperatures below 50° F (10°C) or above 100°F (37.7°C).
- Do not install over control or expansion joints.
- Do not apply when ambient temperatures are not maintained above 50° F (10°C) for 72 hours, or exterior if rain is expected within 24 hours.
- Color development may vary depending on type of tile, temperature and humidity, and clean-up procedure.
- Color may vary from batch to batch, so plan installation accordingly.
- When wet, grout appears darker in color than when dry.
- Job site conditions may affect grout color reproduction.
- Color may differ from printed media such as color cards or grout channels. Always perform a test area for color acceptance prior to installation.

PACKAGING

4 x 9 lb. bags
25 lb. bags

STORAGE/SHELF LIFE

Store in a clean, dry area, on pallet, off the ground, not affected by freezing or hot temperatures. Store opened containers in a plastic bag to extend shelf life. Shelf life is one year from date of manufacturing in an unopened bag.

DANGER

CONTENTS HARMFUL. CAUSES BURNS. Do not swallow. Do not get in eyes. Do not get on skin or clothing. Handle with care. Wear a mask, rubber gloves, and safety glasses. Do not reuse bag.

FIRST AID TREATMENT

Contains Quartz Silica, Portland Cement and Titanium Dioxide. If swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting. If in eyes, rinse well with water for 20 minutes. If on skin, rinse well with water. If on clothes, remove clothes.

WARNING

This product contains a chemical(s) known to the State of California to cause cancer and/or birth defects or other reproductive harm.

KEEP OUT OF REACH OF CHILDREN
SEE SAFETY DATA SHEET

VOC

0 g/L (as calculated per SCAQMD 1168)

LIMITED WARRANTY

Limited Warranty found at www.bostik-us.com or call 800.726.7845. TO THE MAXIMUM EXTENT ALLOWED BY LAW, BOSTIK DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. UNLESS OTHERWISE STATED IN THE LIMITED WARRANTY, THE SOLE REMEDY FOR BREACH OF WARRANTY IS REPLACEMENT OF THE PRODUCT OR REFUND OF THE BUYER'S PURCHASE PRICE. BOSTIK DISCLAIMS ANY LIABILITY FOR DIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES TO THE MAXIMUM EXTENT ALLOWED BY LAW. DISCLAIMERS OF IMPLIED WARRANTIES MAY NOT BE APPLICABLE TO CERTAIN CLASSES OF BUYERS AND SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. The Limited Warranty extends only to the original purchaser and is not transferable or assignable. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

COVERAGE CHART – lbs. per 100 sq. ft.

Tile Size	1/16"	1/8"	1/4"	3/8"	1/2"
1" x 1" x 1/4"	100	52	28	20	16
2" x 2" x 1/4"	197	100	52	36	28
3" x 6" x 5/16"	313	157	80	54	41
4" x 4" x 5/16"	313	158	80	54	41
4 1/4" x 4 1/4" x 5/16"	332	167	85	58	44
4" x 8" x 1/2"	260	131	66	45	34
6" x 6" x 1/2"	293	147	74	50	38
8" x 8" x 3/8"	520	261	131	88	67
12" x 12" x 1/4"	1168	585	294	197	149
12" x 12" x 3/8"	778	390	196	131	99
13" x 13" x 3/8"	843	423	212	142	107
16" x 16" x 3/8"	1037	520	261	175	131
18" x 18" x 1/4"	1750	887	440	294	221
18" x 18" x 3/8"	1167	584	293	196	148
12" x 24" x 1/8"	3111	1558	782	523	394
12" x 24" x 1/4"	1556	779	391	262	197
24" x 24" x 3/8"	1555	778	390	261	196

Grout calculator available at www.bostik-us.com

BOSTIK HOTLINE™

Smart help™
1-800-726-7845

Bostik, Inc.

11320 W. Watertown Plank Road
Wauwatosa, WI 53226

www.bostik.com/us

This document supersedes all previously published literature.

