



# Hydroment® Vivid™

RAPID CURING HIGH PERFORMANCE GROUT

## KEY FEATURES

- Superior color consistency
- Fiber reinforced durability
- Excellent stain resistance

## DESCRIPTION

Hydroment® Vivid™ is a rapid curing, high performance, cement grout developed with the scientific breakthroughs of Bostik's HyDrix™ and Color Suspension™ Technologies. HyDrix™ Technology allows Bostik to precisely control the timing and formation of both the chemical and physical matrices of Hydroment® Vivid™ grout during the curing process. Color Suspension™ Technology offers ease of installation because it forms a protective matrix around the pigment itself, keeping it evenly suspended during application and clean-up. The grout floats across the tile surface and remains easy to tool, which produces a superior, color consistent grout joint. Hydroment® Vivid™ exceed the requirements of ANSI 118.7 and contains Bostik's Blockade® Antimicrobial Protection.



HyDrix™ Technology allows Bostik to precisely control the curing process and the development of the internal matrix of the Hydroment® Vivid™ grout. Hydroment® Vivid™ offers the

most revolutionary grout technology in the industry today, making it the highest performing, most durable and user friendly grout solution available.

## PRODUCT FEATURES

- Excellent stain resistance – Easier maintenance
- Exceptional application properties – Easy to tool and clean the tile surface
- Superior resistance to efflorescence – Less call backs
- Fiber reinforced - Increased crack resistance and non-sag properties
- Wide water range – Can be mixed at different water ranges with the consistent results
- Rapid curing – Open to foot traffic in just 4 hours
- Exceeds ANSI 118.7 – Superior, long term performance
- Zero VOCs (as calculated per SCAQMD 1168) – VOC compliant
- Contains Bostik's Blockade® Antimicrobial Protection – Helps protect against the growth of bacteria, mold and mildew on the surface of the dried grout
- No sealer required – Naturally enhanced stain resistance

**NOTE:** Bostik offers Pure Silicone™ sealant in complementary colors.

## WHERE TO USE

Suitable applications include interior and exterior, residential and commercial, installations on floors and walls in dry to intermittent wet or submerged applications.

## PRODUCT USES

Hydroment® Vivid™ 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 1/16" to 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.com/us](http://www.bostik.com/us) 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.

## TYPICAL PHYSICAL PROPERTIES

Working Time at 70°F (21.1°C)	1 hour
Pot Life at 70°F (21.1°C)	40-60 minutes
Final Set at 70°F (21.1°C)	3-4 hours

## ANSI 118.7

	ANSI 118.7 Requirement	Typical Values
Compression (28 days)	>3000 psi	5,500 - 6,500 psi
Shrinkage (27 days)	<0.2%	0.05 - 0.19%
Tensile Strength (28 days)	>500 psi	550 - 650 psi
Water Absorption (28 days)	<5.0%	<5.0%
Flexural Strength (28 days)	>1000 psi	1,100 - 1,200 psi

This supersedes and replaces in its entirety all previously published versions of this document. T2460 (Last revised on 11.28.17)

## MIXING

Mix with water only. In a clean pail add 25 lbs. (11.4 kg) of grout to 2.2- 2.6 quarts (2.0 - 2.5 L) of clean, potable water. Mix slowly to a smooth, paste-like consistency. Allow the mixture to stand for 3-5 minutes, and remix prior to application. Do not re-temper by adding more liquid. If using a drill mixer, do not exceed 350 rpm. Higher rpm will entrain air and decrease grout strength.

Pot life may vary due to environmental conditions, water temperature, amount of mixing water used during mixing, mixing time, etc. Warm water, low humidity, or a long mixing time will shorten the pot life. This is true for all cement based products.

If the grout begins to stiffen in the mixing bucket, it may be remixed one additional time with a mixing drill to bring the grout back to a more fluid state and extend the pot life. Do not add additional water when remixing.

## 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 15 to 20 minutes. Use a slightly dampened sponge in a circular motion to dress joints, then clean tile by working in a diagonal motion to the grout joints. Rinse sponge frequently, changing water as required to ensure grout residue is not re-introduced onto the tile surface. Avoid cleaning with excessive water.

**FINAL CLEAN UP:** Depending on humidity and temperature, begin final clean up approximately 1 hour after initial cleaning. Any remaining grout haze can be removed with a clean, dry, lint free towel.

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

## CLEAN-UP

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

## CURING

Keep all foot traffic off the installation until grout is firmly set (approximately 3 to 4 hours). Protect installation from intermittent water, rain and freezing temperatures for 72 hours after installation. Although Hydroment® Vivid™ has excellent stain resistance and does not require a sealer; if a sealer is desired it may be applied once the grout is cured. Follow sealer manufacturer's instructions.

**NOTE:** Temperature and humidity will affect the cure rate. For cooler temperatures and higher humidity levels, allow a longer cure time.

## LIMITATIONS

- Do not use for grouting polished marble, use Bostik Hydroment® Dry Tile Grout™ Unsanded.
- Do not use in applications where high chemical resistance is required (use Bostik EzPoxy™ EzClean™ 100% Solids Epoxy Mortar & Grout).
- Hydroment® Vivid™ has superior stain resistance compared to a traditional cement grout and other competitive grouts in the category. For enhanced stain resistance use Bostik Dimension® RapidCure™ or TruColor® RapidCure™. For optimum stain and chemical resistance use Bostik EZ Poxy™.
- Do not install over control or expansion joints.
- Do not apply when ambient temperatures are not maintained above 50° F (10°C) or below 100°F (37.8°C) for 72 hours, or exterior if rain is expected within 72 hours.
- Color development may vary depending on type of tile, temperature, humidity, and clean-up procedure.
- When wet, grout appears darker in color than when dry.
- Always do a test area to ensure product satisfaction and/or to become familiar with proper application techniques prior to use.
- Allow 14 days of cure time prior to immersion in water (pools, fountains, spas).
- Do not subject to heavy foot traffic for a minimum of 4 hours.
- Mix with water only. Do not mix with an additive.

## PACKAGING

25 lb. bags

## COVERAGE CHART (FT<sup>2</sup>)

Tile Size (inches)	Grout Joint Size (Inches, 25 lb. unit)				
	1/16	1/8	3/16	1/4	5/16
1 x 1 x 1/4	96	50	27	19	15
2 x 2 x 1/4	189	96	50	34	27
3 x 6 x 3/16	300	151	77	52	39
4 x 4 x 3/16	300	151	77	52	40
4 1/4 x 4 1/4 x 3/16	318	160	81	55	42
4 x 8 x 1/2	249	125	63	43	32
6 x 6 x 1/2	280	141	71	48	36
6 x 24 x 3/16	596	299	150	100	76
6 x 36 x 3/16	639	320	160	107	81
8 x 8 x 3/16	498	250	126	85	64
8 x 24 x 3/16	745	373	187	125	94
12 x 12 x 1/2	1119	561	282	189	142
12 x 12 x 3/16	746	374	188	126	95
13 x 13 x 3/16	808	405	203	136	103
16 x 16 x 3/16	994	498	250	167	126
18 x 18 x 1/4	1677	840	421	282	212
18 x 18 x 3/16	1118	560	281	188	141
12 x 24 x 1/4	2981	1493	749	501	377
12 x 24 x 3/16	1490	746	375	251	189
24 x 24 x 3/16	1490	746	374	250	188

Average coverage per container - coverage will vary based on tile size, joint width and depth.

## DANGER

POISON. HARMFUL IF SWALLOWED. CORROSIVE. CAUSES BURNS. MAY PRODUCE ALLERGIC REACTION BY SKIN CONTACT. CANCER AGENT! EXPOSURE MAY PRODUCE CANCER. Do not swallow. Do not get in eyes. Do not get on skin or clothing. Keep out of reach of children. Handle with care. Wear a mask, rubber gloves, safety glasses.

## KEEP OUT OF REACH OF CHILDREN

## FIRST AID TREATMENT

Contains Quartz, 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.

## SEE SAFETY DATA SHEET

**CHEMICAL EMERGENCY:** 800-424-9300 (USA), 703-527-3887 (International)

**MEDICAL EMERGENCY:** 866-767-5089

## STORAGE/SHELF LIFE

Store in a clean, dry area, off the ground on a pallet, not affected by freezing or hot temperatures. Shelf life is one year from date of manufacturing in unopened bags.

## VOC

0 g/L (as calculated per SCAQMD 1168)

## LIMITED WARRANTY

Limited Warranty found at [www.bostik.com/us](http://www.bostik.com/us) 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.

## BOSTIK HOTLINE

Smart help  
1-800-726-7845

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