



Smart
solution™

Hydroment® Vivid™

RAPID CURING HIGH PERFORMANCE GROUT

Setting the new standard in grout technology





Redefining High Performance Grout

HYDROMENT® VIVID™

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. Hydroment® Vivid™ exceeds the requirements of ANSI 118.7 and contains Bostik's Blockade® Antimicrobial Protection.

COLOR SUSPENSION™ TECHNOLOGY

When Hydroment® Vivid™ is mixed with water, a matrix is formed around the color pigment particles which protects and suspends it in the grout. This color suspension matrix assists in preventing the color pigment from being deposited in unwanted areas on the tile surface. Color Suspension™ Technology allows Hydroment® Vivid™ grout to be:

- Easy to place during application
- Outstanding cleanability
- Simple to pack and tool in joints
- Extremely color consistent
- Deep, rich and vibrant in color

This ground breaking technology results in a long lasting, color rich grout joint.



PRODUCT FEATURES

- Bostik's breakthrough Color Suspension™ Technology for exceptional application and clean-up properties
- Excellent stain resistance – Easier to maintain
- No sealer required – Naturally enhanced stain resistance
- Rapid curing – Open to foot traffic in just 4 hours
- Efflorescence Resistance™ Technology – Superior resistance to efflorescence, resulting in less call backs
- Fiber reinforced – Increased crack resistance and superior non-sag properties for vertical installations
- Exceeds ANSI 118.7 – Superior, long term performance
- Zero VOCs (as calculated per SCAQMD 1168) – VOC compliant
- Bostik's Blockade® Antimicrobial Protection – Helps protect against the growth of bacteria, mold and mildew on the surface of the dried grout
- Interior and exterior installations
- Submerged installations

HYDRIX™ TECHNOLOGY



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

This advancement in materials science creates a dense internal matrix which allows Bostik to offer the most durable, easy to use, cement-based, grout available. This highly compacted matrix results in a superior grout joint which is:

- Resistant to the penetration of liquids and most staining agents
- Highly resistant to efflorescence
- Extremely dimensionally stable
- Superior wet environment performance

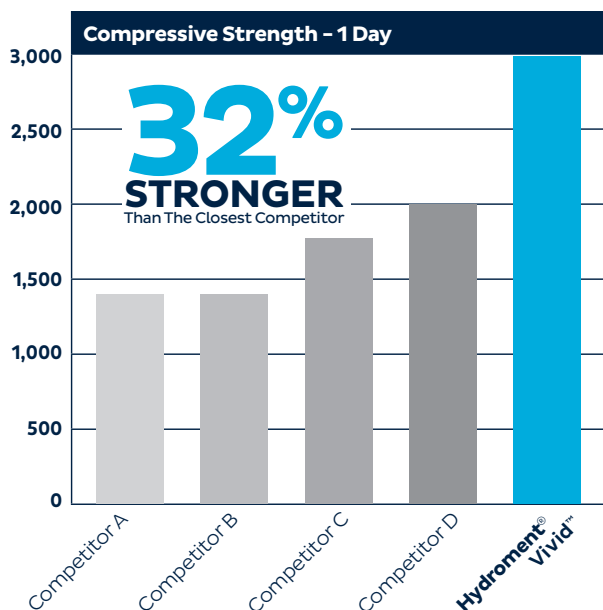
By controlling the expansion and contraction of the matrix during wetting and drying cycles (i.e.: showers, maintenance, foot traffic) Hydroment® Vivid™ resists the development of micro-fractures in the grout which will eventually cause other grouts to fail.

SUPERIOR POLYMER TECHNOLOGY

Hydroment® Vivid™ is manufactured with an advanced polymer science which enables this grout to adhere tightly to the edge of tile and stone surfaces, enhancing the durability and life of the grout.

FIBER REINFORCEMENT

Hydroment® Vivid™ is formulated with proprietary fiber additives that fortify the cement matrix by enhancing its mechanical strength, leading to superior crack and sag resistance.



Due to the dense matrix formed by Bostik's HyDrix™ Technology, and the additional fiber reinforcement, Hydroment® Vivid™ achieves a compressive strength 32% greater than the nearest competitor in just 24 hours.

Hydroment® Vivid™ is the latest innovation in Bostik's high performance grout portfolio. Hydroment® Vivid™ offers the most revolutionary cement grout technology in the industry, making it the highest performing, most durable and user friendly cementitious grout available in the market.

The grout solutions provided by Bostik, which include TruColor® RapidCure™, Dimension® RapidCure™, and EzPoxy™ EZClean™, allow a specification to be developed to meet the performance requirements for all types of projects. Installation of these grouts, in conjunction with Bostik's premium mortars and adhesives, will result in a 25 year system warranty.

BOSTIK OFFERS A FULL LINE OF PRODUCTS FOR:

- Grouting
- Surface Preparation
- Crack Isolation
- Mortars/Adhesives
- Tile Setting
- Waterproofing
- Sound Reduction
- Sealing/Caulking
- Cleaning



Hydroment® Vivid™ video: bit.ly/VividVideo

For information about Hydroment® Vivid™ and other Bostik products:

www.bostik.com/us/customer-support

Common Questions About The Technology Behind **Hydroment® Vivid™**

How does the HyDriX™ Technology contribute to stain resistance?

Bostik offers a breakthrough technology never seen before in the industry. By controlling the chemical reaction that occurs while Hydroment® Vivid™ cures, this grout is able to form a very low porosity grout joint. Due to this tight matrix it can repel liquids and stains long term. Other grouts in the market rely upon chemical additives alone which can wash out over time.

Why is HyDriX™ Technology essential to the long term performance of Hydroment® Vivid™?

By controlling the hydration process of Hydroment® Vivid™, Bostik is able to maintain the water in the system. This control of water in the system also assists in preventing premature dehydration which leads to weak and crumbling grout joints. The grout forms a highly dense microstructure which gives it exceptional early compressive strength and early resistance to water and other liquids.

Why is Color Suspension™ Technology important?

In the past, highly pigmented grouts have been known to be difficult to clean off the tile surface. The Color Suspension™ Technology in Hydroment® Vivid™ allows a protective matrix to form around the pigments. This protective matrix inhibits the pigments from settling on the surface of the tile. This technology also ensures that the color is evenly distributed during mixing, application and maintained during the cure for a color consistent grout joint.

Rapid curing products are known to have a short pot life. Why does Hydroment® Vivid™ have a long pot life, yet cure rapidly?

Our scientists have developed a formulation in which the chemical reaction that occurs during cure is precisely controlled. This breakthrough chemistry allows Bostik scientists to determine how long the pot life will be for this product and at which point the product will begin to harden. This chemistry offers a long pot life for ease of installation, yet hardens quickly when the time is right. This offers both early performance and added protection immediately following installation. It is the best of both worlds, all in one high performance grout!

I have heard that some grouts in this category claim to be efflorescence free. Why is Hydroment® Vivid™ efflorescence resistant and not efflorescence free?

While some grouts claim to be efflorescence free, they still exhibit inflorescence. When efflorescence occurs within the capillary pores of the grout it is termed inflorescence. Efflorescence can usually be removed easily from the surface of a colored grout. Removing inflorescence is much more difficult, if not impossible. All cement grouts can experience efflorescence or inflorescence as it is the nature of these products. Hydroment® Vivid™ is extremely resistant to efflorescence as well as inflorescence. Hydroment® Vivid™ exhibits the least efflorescence and inflorescence in this grout category.



Test results were developed by Bostik.

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.