



VisonColor

Polymer Modified Nonsanded Grout

Product Name: VisonColor Nonsanded Grout

Manufacturer: Vison Tech Products LLC

Product Description

VisonColor nonsanded grout is a polymer-modified Portland cement based colored grout. It provides highly wear-resistant, color consistent tile joints from $\frac{1}{8}$ " to $\frac{1}{2}$ " wide in residential to extra heavy commercial applications. VisonColor nonsanded grout is primarily used for floor tile applications, or for walls and countertops with wider joints. VisonColor nonsanded grout performances excellent in virtually any environment, including high traffic or wet conditions. All VisonColor brand grouts chemically control the curing process to help ensure that grouts are evenly colored. The result is rich, uniform pigmentation and strong, smooth joints. Mixed with water, VisonColor nonsanded grouts meet ANSI A118.6 Specifications for Commercial Cement Grout.

Packaging

COLOR: Available in 18 colors

PACKAGING: 25 lbs. Multi-wall bags.

Area of Use

VisonColor nonsanded grout can be used to grout ceramic and porcelain tile or natural stone with joints from $\frac{1}{8}$ " to $\frac{1}{2}$ ".

Key Benefits and Features

- For grouting tile joints $\frac{1}{8}$ " to $\frac{1}{2}$ " wide
- Highly color-consistent and wear resistant
- Polymer enhanced for improved performance
- Smoother joints
- Interior/exterior use
- Meets ANSI A118.6 specifications.

Limitations

Should not be installed when ambient surface temperature is lower than 50°F (10°C) or higher than 95°F (35°C). Some ceramic tile, marble or stone can be scratched, stained or damaged by sanded or pigmented grout. Tile with high absorption, surface porosity or rough, textured surfaces and certain types of porcelain may require sealing prior to grouting to prevent staining. Color variation can occur due to tile

type, tile porosity, jobsite conditions, application and cleaning techniques. Variation can be minimized by following directions and using as little water as possible for cleanup.

Applicable Standards

Mixed with water and tested in accordance with ANSI A118.6 Specifications for Ceramic Tile Grouts, Commercial Portland Cement.

Installation:

General Surface Prep

Tile or stone must be firmly bonded to a sound substrate, and setting material must be cured a minimum 24 - 48 hours before grouting. Grout joint must be free of excess setting materials and job site debris. Use sealer to seal tile or stone subject to staining. Care should be exercised when applying a sealer so that the surface and not the tile edges are covered.

Mixing Ratios - powder to water

Mix 2 qt (1.89 L) clean water to 25 lb (11.34 kg) grout.

Mixing Procedures

Mix with a trowel or low speed mixer (less than 300 rpm) to achieve a smooth, lump-free consistency. Let the mixture stand (slake) for 10 minutes, and then remix and use. Periodically remix to keep the mixture workable, but do not add water, which can weaken the joint, cause color variation and possibly cause shrinkage, cracks and pinholes. Discard grout when it becomes too stiff to work.

Application

Fully pack the joints between the tiles by spreading VisonColor nonsanded grout with a clean, hard rubber float. Work only a small area at a time.

Apply in a diagonal direction across the joint lines to prevent the grout from being dragged out of the joints. Go over each area several times from all directions to make sure that the grout is fully packed in. Remove any excess grout from the surface of the tile by holding the float at a 90° angle to the surface and moving it diagonally across the joints. Repeat the entire process until all joints are grouted.

Vison Tech Products
6464 Cunningham Road
Houston, TX 77041
Phone: (832) 850 - 6085

fax: (281) - 258 - 4114
www.visontechproducts.com
sales@visontechproducts.com
techsupport@visontechproducts.com



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Clean-up

Allow the grout to firm up in the joints approximately 30 minutes to an hour. Wet a grout sponge in a pail containing cool, clean water and wring out all excess liquid. Move the dampened sponge across the tiles diagonally to smooth the grout down to the proper height in the joint. Continue this procedure, repeatedly rinsing the sponge in clean water and wringing out excess liquid. Do not allow excess cleaning water to remain on the surface of the grout joint. Allow the grout to dry an additional hour before removing any remaining grout residue with a dampened terrycloth towel.

Protection

Protect the finished installation from traffic or impact for at least 24 hours after grouting.

Working Time

Approximately 1 hour depending on ambient temperature

Temperature Range for Installation

Do not grout below 50°F or above 90°F ambient temperature.

Curing

Curing time is affected by ambient, temperature and humidity. Mist the installation with water to maintain a moist atmosphere over tile surface. Control temperature within 10 degrees when possible to avoid shading.

Maintenance Cleaning

Do not use chemical cleaner containing acid for routine maintenance programs. VisonColor Nonsanded Grout itself is protected from mold and mildew growth, but the organic material on the surface can provide a food source. It is recommended periodically cleaning surface with T.S.P solution to remove dirt, food residues, and scums which prevented mold and mildew growth

Sealing and Staining

Vapor breathable sealers are used to help prevent staining of grout joints. Consult with sealer manufacturer information.

Specifications Technical Data

Test	Typical Values
Bucket life	1-2 hours
Initial Set ASTM C-266	2 hours
Final Set ASTM C-266	8 hours
Compressive Strength (PSI)	7 day >2900 28 day >4000
Water Absorption (%)	<6
Hardness (Shore D)	>65

Storage Life

One year if kept dry in sealed bag.

KEEP OUT OF REACH OF CHILDREN

Warranty

Vison Tech warrants to the original consumer purchaser that its product shall be free from defects in material and workmanship under normal and proper usage for a period of one year following the date of original purchase. Vison Tech's sole liability under this warranty shall be limited to the replacement of the product. Some states, countries or territories do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty will not extend to any product which has been modified in any way or which has not been used in accordance with Vison Tech's printed instructions. Vison Tech makes no other warranties either expressed or implied. This warranty gives you specific legal rights, and you may have other rights that vary from state to state or from one country/territory to another.

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