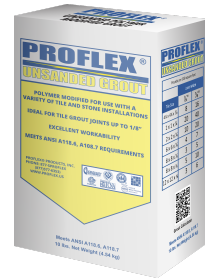


1. PRODUCT NAME

Unsanded Grout

2. MANUFACTURER

PROFLEX® Products, Inc.
1603 Grove Ave
Haines City, FL 33844
Telephone: 863-937-9623
Toll Free: 877-577-6353
Fax: 863-937-9624
Internet: www.proflex.us



3. PRODUCT DESCRIPTION

PROFLEX® Unsanded Grout is a tile grout composed of cement, special fillers, dry polymers, proprietary. Unsanded Grout is used to fill tile joint widths less than 1/8 inch. Latex polymers are incorporated into PROFLEX® Unsanded Grout to improve color uniformity and intensity, toughness, and freeze-thaw durability. PROFLEX® Unsanded Grout should not be used in areas subjected to strong acids

Packaging

10 lb. box 4 boxes per case

CAUTION

This material contains portland cement and silica. Avoid dusty conditions and breathing dust. Wear OSHA approved dust masks. Avoid all contact with skin and eyes. Wear gloves and eye protection

4. TECHNICAL DATA

Standards Exceeds ANSI A118.6

Follow the TCNA Handbook and ANSI A108.10 installation of grout in tile work.

Typical Performance Properties

ANSI 118.6	ANSI Requirement	Unsanded Results
Flexural Strength	350 psi	>1100 psi
Tensile Strength 28 days	350 psi	>390 psi
Compressive Strength 28 days	3500 psi	>3500 psi
LEED v3 NC VOC	EQ Credit 4.1	Unsanded Result
VOC	<65 g/l	0

5. INSTALLATION

Surface Preparation: Do not grout if temperatures are expected to fall below 55 degrees F within a 48 hours after application. Grouting may be performed after 48 hours from setting installation. Joints to be grouted must be clean and excess mortar in the joint must be removed. **The depth of each joint must be uniform to achieve consistent color.** The area to be grouted must be protected from varying amounts of sun, wind, and heat in order to maintain consistent color. For the grouting of porous tiles, the use of a grout release is recommended.

Mixing: To minimize color variation when using multiple containers of the same grout, dry blend the powders prior to the addition of water. Add approximately 1 1/4 to 1 1/2 quarts of cool potable water for every 10 lbs. (4.53 kg) of powder in a clean mixing container. Add the grout to the water slowly; blend by hand or power mixer at low speed (less than 200 RPM). The ideal grout looks stiff, but has a creamy consistency. Allow the grout to relax for 15 minutes then remix. Periodic mixing during use keeps the grout workable, but do not add additional water or additives. When the grout becomes unyielding (dry) and difficult to work, discard and make a new batch. For best results on multiple mixes, have the same person mix the grout to insure the repetition of the mixing technique.

Limitations: Portland cement grout should not be installed when ambient temperature is below 50° F (10° C). Exterior applications should not be performed if rain is expected within 24 hours. Tile with high absorption, surface porosity or rough, textured surfaces, and/or certain types of porcelain may require sealing prior to grouting to prevent staining. Follow tile manufacturer's recommendations. Test a small area prior to use. Efflorescence; a crystalline deposit that sometimes appears in or on cement grout as a whitish powder or crust, can occur with any portland cement based product. If it occurs, remove with PROFLEX® (Sulfamic Acid) cleaner or ANSI approved cleaner. Color variations can occur in portland cement products, including grout, different tile types, tile porosity, jobsite conditions, application, and cleaning techniques. Color variations can be minimized by following directions and using as little water as possible for cleanup.

Application: For unglazed tiles, dampen the surface prior to grouting, but do not leave water in the joint spaces. Using an appropriate grouting float, diagonally press material into spaces with pressure to insure complete filling of the joint. Remove excess material with the edge of the float. Once the grout has acquired an initial set, smooth the joints and remove the grout haze from the tile with a slightly dampened soft cloth. Protect grout surfaces with building paper for several days after installation to protect the grout from dirt or stains. To inhibit shrinkage, cracking, and color inconsistencies during dry or hot conditions, it is especially important to cover the grout joints with building paper in order to maintain a damp cure.

Cleaning: If necessary, a final cleaning may be performed with soap and water to remove any residual grout haze from the tile surface. A mild solution of grout cleaner, suitable for tile installations may also be used to remove well adhered grout haze from tile. Refer to manufacturer's recommendations for use of cleaners and always apply a test sample in hidden area to evaluate performance prior to entire application. **Sealers may be applied after 28 days from application.**

Curing Initial cure is obtained in 72 hours. Final cure takes 28 days.

Coverage: Varies depending upon the size of the tile and the width of the joint. See application coverage

Tile Size	Pounds required per 100 square feet	
	Joint Width	
	1/16"	1/8"
4 1/4 x 4 1/4 x 5/16	8	16
1 x 1 x 1/4	20	40
2 x 2 x 1/4	10	20
6 x 6 x 1/4	4	7
8 x 8 x 1/4	3	5
8 x 8 x 3/8	5	10
12 x 12 x 3/8	3	6

6. AVAILABILITY

PROFLEX® Products are available nationwide.

To locate PROFLEX® products in your area, please contact:

Phone: 877-577-6353

Website: www.proflex.us

7. WARRANTY

PROFLEX® Products, Inc. offers a limited warranty for this product when used in accordance with printed specifications. A copy of the limited warranty can be obtained by calling technical services at 877-577-6353 or visiting www.proflex.us

8. MAINTENANCE

Clean with grout cleaner or mild soap and water.

9. TECHNICAL SERVICES

Technical assistance

Information is available by calling the Technical Support

Toll Free: 877-577-6353

Fax: 863-937-9624

Technical and safety literature: To acquire technical and safety literature, please visit our website www.proflex.us

10. FILING SYSTEM

Division 9