



# DURACOLOR

## Non-Sanded Latex Modified Portland Cement Grout with Antimicrobial Protection



### 2. Manufacturer

Parex USA, Inc.  
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866-516-0061  
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### 3. Product Description

**BASIC USE:** Merkrete DURACOLOR Non-Sanded Grout is a professional grade polymer-modified portland cement non-sanded grout specifically formulated for grouting all types of ceramic and dimensional stone tiles when grout joint widths are 1/8" or less.

**Features:** Antimicrobial Additive is a unique element which helps prevent the growth of mold and mildew for the life of the grout. Generally Non-Sanded Color Grout is best suited for grouting white or light colored marble and granite when joints are 1/8 inch or less, and when sanded grout is inappropriate for certain types of glazed ceramic tile, marble, or stone. Non-Sanded Color Grout is appropriate for both walls and floors in residential and commercial projects. Only the addition of water is required.

#### Features:

- Easy Mixing - Only the addition of water is required.
- Polymer Fortified - Less Shrinkage and Hard in the Joints.
- Conveniently Package in 10 lb. boxes (4/Case).

#### Uses:

- Fill joint widths less than 1/8" (3.2mm)
- Use on both vertical (wall) and horizontal (floor) applications.
- Use for Interiors or exteriors.

### 4. Technical Data

*Applicable Standards:* Exceeds ANSI A118.6 for portland cement grout. Follow the TCNA Handbook and ANSI A108.10 installation of grout in tile work.

#### Properties:

ANSI 118.6	ANSI Requirements	Non -Sanded Color Grout Results
Flexural Strength	350 psi	>1100 psi
Tensile Strength 28 day	350 psi	> 390 psi
Compressive Strength 28 day	3500 psi	> 3500 psi
LEED v3 NC VOC	EQ Credit 4.1	Non-Sanded Color Grout Results
VOC	< 65 g/l	0

**Packaging:** 10 lb. bag (11.34 kg.) 4 boxes per case | Colors: 30 standard colors

**Shelf Life:** Reference Parex USA Expiration Date of Products Technical Bulletin



[www.merkrete.com](http://www.merkrete.com)

**Corporate Office**

Parex USA, Inc.  
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**Facilities**

French Camp, CA  
North Hollywood, CA  
Riverside, CA  
Colorado Springs, CO  
Haines City, FL

Duluth, GA  
Redan, GA  
Albuquerque, NM  
Allentown, PA  
San Antonio, TX



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### 5. Installation

**Surface Preparation:** Tile must be firmly attached to a sound substrate and setting material must be cured a minimum of 24 – 48 hours before grouting. Remove all spacers. Grout joints should be uniform in depth and width and free of all loose debris, contaminants and excess mortar. Pre-seal tile or stone that can be subject to staining with tile manufactures' recommended sealer.

**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 2-1/2 pints (1.14 l) 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.

**Application:** Installation shall conform to ANSI A108.10-2006. Holding a rubber grout float at a 45° angle, force grout diagonally into joints ensuring joints are completely filled. Remove excess grout using edge of float held at a 90° angle. Cleanup can begin as soon as the grout becomes firm enough to only be slightly indented when pushed (about 30 minutes depending on porosity of the tile and ambient temperature). Use as little water as possible for grout cleanup. Excess water can create variation in color and may cause shrinkage, cracks or pinholes. Smooth and level joints and, in a circular motion, remove excess grout from tile with a damp small pore grout sponge. It is best to change cleaning water and rinse sponge frequently. Using clean water and sponge will enhance color uniformity. Remove haze from tile surface with a soft, dry cloth.

**Curing:** Protect fresh grout from damage for a minimum of 72 hours. Like other portland cement products, Merkrete Non-Sanded Color Grout will reach full curing in 28 days.

**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 Merkrete ProClean SA (Sulfamic Acid) cleaner or ANSI approved cleaner. Color variations can occur in portland cement products, including grout, differing 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.

### 6. Availability

DURACOLOR Non-Sanded Color Grout is available at leading tile houses and construction distributors. Contact Merkrete or visit our web site for the name of the nearest dealer at [www.merkrete.com](http://www.merkrete.com).

### 7. Warranty

5 year, 10 year and Limited Lifetime warranties are available. Contact Merkrete Technical Services for specific warranty information. Merkrete Systems warrants that this product meets applicable ANSI standards in force at the time of manufacture.

### 8. Maintenance

None required, but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

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### 9. Technical Services

Merkrete Systems maintains technical field representatives available throughout the country. Call Technical Services at 800-226-2424 for the nearest representative.

### 10. Filing Systems

Merkrete architectural product information available either in catalog form, or electronically on our website at [www.merkrete.com](http://www.merkrete.com).

### How many square feet can I grout? Coverage:

TILE SIZE	JOINT WIDTH		
	1/16"	3/32"	1/8"
1" x 1" x 1/4"	53	37	27
2" x 2" x 1/4"	103	69	53
4" x 2" x 1/4"	137	92	69
4" x 4" x 3/8"	137	92	69
4" x 8" x 3/8"	182	122	91
6" x 6" x 3/8"	205	137	103
8" x 8" x 3/8"	272	182	137
8" x 10" x 1/2"	227	152	114
10" x 10" x 3/8"	340	227	171
12" x 12" x 3/8"	408	272	205
15" x 15" x 3/8"	510	340	256

The cross reference number indicates the number of pounds per square feet.

For more information visit our website at [www.merkrete.com/grout\\_calculator.shtml](http://www.merkrete.com/grout_calculator.shtml)