



Sanded Color Grout

Sanded Latex Modified Portland Cement Grout
with Antimicrobial Protection

2. Manufacturer

Parex USA, Inc.
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3. Product Description

BASIC USE: Merkrete Sanded Color Grout is a professional grade polymer modified portland cement sanded grout specifically formulated for grouting all types of ceramic and dimensional stone tiles when grout joint widths are 1/8" to 1/2" thick.

Features: Low absorption rating helps prevent water infiltration and certain types of stains. Sanded Color Grout is suitable for both walls and floors in residential and commercial projects. Only the addition of water is required.

4. Technical Data

Exceeds ANSI A118.6 for portland cement grout and ANSI A118.7 polymer modified cement grout. Follow the TCA Handbook and ANSI A108.10-1999 installation of grout in tile work.

Properties:

ANSI 118.6	ANSI Requirements	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	Sanded Color Grout Results
VOC	< 65 g/l	0

Packaging: 25 lb. bag (11.34 kg.) 96 bags per pallet | Colors: 35 standard colors

Shelf Life: One year from manufacturing in sealed original container, when properly stored at room temperature, off the ground in a controlled, dry, heated area.

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 4-1/2 pints (2.13 l.) of cool potable water for every 25 lbs. (11.34 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 A108.10-1999. 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. Use as little water as possible for grout cleanup. Excess water will cause 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 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. Do not use Merkrete Sanded Color Grout on glazed ceramic tile, marble, or stone that can be scratched, stained, or damaged when grouted with pigmented sanded grouts. Follow tile manufacturer's recommendations. Test a small area prior to use. Tile with high absorption, surface porosity, rough, textured surfaces, and/or certain types of porcelain may require sealing prior to grouting to prevent staining. 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

Merkrete 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.

7. Warranty

5 year, 10 year and Limited Lifetime warranties are available. Contact Merkrete Technical Services or visit our web site 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.

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.

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

TILE SIZE	JOINT WIDTH			
	1/8"	1/4"	3/8"	1/2"
2"x 2"x 1/4"	93	50	36	29
4"x 4"x 3/8"	119	61	43	33
4"x 8"x 3/8"	156	81	56	43
6"x 6"x 3/8"	179	89	61	47
6"x 8"x 3/4"	100	51	35	27
8"x 8"x 3/8"	227	119	81	61
10"x 10"x 3/8"	278	147	100	76
12"x 12"x 3/8"	357	179	119	89
15"x 15"x 3/8"	417	208	147	109
16"x 16"x 3/8"	500	250	167	132
18"x 18"x 3/8"	625	278	192	147
20" x 20" x 3/8"	625	313	208	167

The Joint Width number represents the number of pounds per square feet.

For more information visit our website at www.merkrete.com/grout_calculator.shtml



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