White Dry Non-Sanded Grout

1. Product Name

White Dry Non-Sanded Grout

2. Product Description

White Dry Non-Sanded Grout is formulated for grouting porous floor and wall tiles with joints up to 1/8″ (3 mm) wide. Ideal for use with glazed tile and polished marble that can be scratched by sanded grout. It can be used for interior and exterior applications. Meets ANSI A118.6 specifications.

Key Features

- Won't scratch highly glazed or polished tile or stone
- Economical Grout
- For joints up to 1/8”
- Non-shrinking

Uses

- For grouting soft glazed tile, marble or other polished stone that could be scratched by sanded grouts.
- Use on floors, countertops, walls, ceilings, showers, fountains and pools.
- For interior or exterior installations.

Composition of Product

Portland cement and fine fillers.

Benefits of Product in the Installation

- Economical Grout
- For joints up to 1/8€
- Non-shrinking

Limitations to the Product

- Should not be installed when ambient or surface temperature is lower than 50°F (10°C) or higher than 100°F (38°C).
- Tile or stone with high absorption, surfaces that are porous or rough, textured surfaces and some types of porcelain tile may require sealing prior to grouting to prevent possible staining. Use Tilelab® SurfaceGard® Sealer or Aqua Mix® Grout Release to prevent staining when required.
- 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.
- Not for use in either industrial applications or in areas subjected to harsh or continuous chemicals, high heat or high-pressure cleaning. For heavy industrial tile installations, use CEG-IG 100% Solids Epoxy Grout.
- Not for use in movement joints or changes of plane in the tile installation. In these areas, use an appropriate caulk or sealant such as Commercial 100% Silicone Caulk or Polyblend® Ceramic Tile Caulk.

Packaging

- 1 lb (.45 kg) can
- 5 lb (2.27 kg) box
- 25 lb (11.34 kg) bag

3. Technical Data

Applicable Standards

Meets or exceeds ANSI A118.6 specifications.

Technical Chart

Property	Test Method	Requirement	Typical Results
Pot Life			1-2 hours
Shrinkage	A118.6 Section 4.3	< 0.30%	Pass
Water Absorption	A118.6 Section 4.4	< 18%	15%
28 Day Compressive Strength	A118.6 Section 4.5	> 3000 psi	5000 psi
Tensile Strength	A118.6 Section 4.6	> 250 psi	Pass
Flexural Strength	A118.6 Section 4.7	>500 psi	Pass

Environmental Consideration

Custom® Building Products is committed to environmental responsibility in both products produced and in manufacturing practices. Use of this product can contribute towards LEED® v3 certification:

- Up to 2 points towards MR Credit 5, Regional Materials
- Up to 1 point towards IEQ Credit 4.1, Low-Emitting Materials - Adhesives & Sealants

Mixing Ratios

- Mix 4.5 qt (4.25 L) cool, clean water to 25 lb (11.34 kg) grout.
- Mix 0.9 qt (0.85 L) cool, clean water to 5 lb (2.27 kg) grout.
- For 1 lb grout, see package for fill line indicator.

Mixing Procedures

When installing more than 1 container of grout at a time, blend dry powders prior to mixing with water. 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 grout, cause color variation and possible cause shrinkage, cracks and pinholes. Discard grout when it becomes too stiff to work.

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Curing of Product

Periodically mist the installation with clean, cool water for 3 days. If grouting dense (low absorptive), vitreous or semi-vitreous tile, curing time will be extended.

Exterior applications must be protected from rain, snow and other wet conditions for at least 7 days with temperature above 50° F (10° C). If inclement weather is expected, protect the work area with tenting at least 1 foot (30 cm) above the finished surface to allow air flow. Enclose and protect exterior installations and maintain >50° F (10° C) temperatures for at least 72 hours for proper cure.

Sealing of Grout

Use a pH-neutral, water-based, penetrating sealer such as AquaMix Sealer's Choice Gold or TileLab Surface Guard**.**

Cleaning of Equipment

Clean tools and hands with water before material dries.

Health Precautions

Contains Portland cement. Avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. If eye contact occurs, flush with water for 15 minutes and consult a physician. This product contains free silica. Do not breathe dust; wear NIOSH approved respirator.

4. Size & Availability

Location	Item Code	Size	Color	Package
USA	WDG1-6	1 lb (.45 kg)	White	Can
USA	WDG5-4	5 lb (2.27 kg)	White	Box
USA	WDG25	25 lb (11.34 kg)	White	Bag
Canada	CWDG25	25 lb (11.34 kg)	White	Bag

Final installed shade may vary with the tile type, color and porosity as well as jobsite conditions and finishing techniques. For best results, perform a test on a small, inconspicuous area or create a sample board prior to installation.

5. Product Warranty

Custom® Building Products 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. Custom'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 Custom's® printed instructions. Custom® 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. For details and complete warranty information, visit custombuildingproducts.com

6. Product Maintenance

To extend the life of the grout, use TileLab® SurfaceGard® Stone, Grout & Tile Sealer or Aqua geMix® Sealer's Choice Gold. Do not use cleaners cntaining ammonia, acids or bleach. Use an appropriate TileLab® or Aqua Mix® neutral cleaner.

7. Technical Services Information

For technical assistance, contact Custom® Building Products.

8. Filing System

Additional product information is available from the manufacturer upon request.

Related Products

Aqua Mix® Sealer’s Choice® Gold
TileLab® SurfaceGard® Sealer
TileLab® Grout Haze Remover
TileLab® Heavy-Duty Stripper & Cleaner
Commercial 100% Silicone Sealant

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Coverage Chart

Coverage based on 25 lb (11.34 kg) bag

	Joint Width	
Tile Size	**1/8" (3 mm)**	**1/16" (1.6 mm)**
1" x 1" x 1/4" (25 x 25 x 6 mm)	50 ft² (4.6 m²)	110 ft² (10.2 m²)
2" x 2" x 1/4" (50 x 50 x 6 mm)	100 ft² (9.2 m²)	212 ft² (19.6 m²)
3" x 3" x 1/4" (75 x 75 x 6 mm)	150 ft² (13.9 m²)	315 ft² (29.2 m²)
4 1/4" x 4 1/4" x 1/4" (108 x 108 x 6 mm)	195 ft² (18.1 m²)	372 ft² (34.5 m²)
6" x 6" x 1/4" (150 x 150 x 6 mm)	300 ft² (27.8 m²)	625 ft² (58 m²)
8" x 8" x 3/8" (200 x 200 x 9.5 mm)	275 ft² (25.5 m²)	550 ft² (51 m²)
12" x 12" x 3/8" (300 x 300 x 9.5 mm)	427 ft² (39.6 m²)	827 ft² (30.1 m²)
16" x 16" x 3/8" (400 x 400 x 9.5 mm)	462 ft² (42.9 m²)	925 ft² (86 m²)
20" x 20" x 3/8" (500 x 500 x 9.5 mm)	567 ft² (52.6 m²)	1132 ft² (105.1 m²)
24" x 24" x 3/8" (600 x 600 x 9.5 mm)	825 ft² (76.6 m²)	1647 ft² (153 m²)

Chart for estimating purposes. Coverage may vary based on installation practices and jobsite conditions. For more tile and joint sizes, use the Material Calculator at CustomBuildingProducts.com or contact CUSTOM Technical Services at 800-282-8786.