Polyblend® White Dry Grout



1. **Product Name**

   Polyblend® White Dry Grout

2. **Product Description**

   Polymer-modified, non-sanded Portland cement dry grout used for joints up to 1/8″ (3 mm) wide. Excellent for highly-glazed ceramic tile or highly-polished marble or natural stone that can be scratched by sanded grouts. It's non-shrinking and durable. Polymer-modified for strength, just add water. Meets ANSI A118.6 specifications.

   Key Features

   - Polymer-modified for strength
   - Just mix with water
   - Won't scratch highly glazed or polished tile or stone
   - Economical Grout For joints up to 1/8"- Non-shrinking

   Composition of Product

   Portland cement, fine fillers and polymer modifiers.

   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).
   - Some ceramic, glass, marble or stone tiles can be scratched or damaged by the silica aggregate filler. Perform a test on a small area prior to use. Polyblend® Non-Sanded Grout may be appropriate for joints up to 1/8" or for tile not suited for sanded grout.
   - 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 us an appropriate caulk or sealant such as Commercial 100% Silicone Caulk or Polyblend® Ceramic Tile Caulk.

   Packaging

   - 1 lb (.45 kg) box
   - 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	< 0.20%	<0.8%
Water Absorption	A118.6 Section 4.4	< 10%	<8%
28 Day Compressive Strength	A118.6 Section 4.5	> 3000 psi	4650 psi (327 kg/cm sq.)
Tensile Strength	A118.6 Section 4.6	> 300 psi	423 psi (29.7 kg/cm sq.)
Flexural Strength	A118.6 Section 4.7	> 500 psi	990 psi (69.6 kg/cm sq.)

   Mixing Ratios

   Start with 4 1/2 quarts (4.26 L) of cool, clean water.

   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.

   Curing of Product

   Periodically mist the installation with clean, cool water for 3 days.

   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 sealer such as TileLab Surface Guard or AquaMix Sealer's Choice Gold.

   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

Polyblend® White Dry Grout

respirator.

4. Size & Availability

Location	Item Code	Size	Color	Package
USA	PBWDG25	25 lb. (11.34 kg)	White	Bag
Canada	CPBWDG1-6	1 lb. (.45 kg)	White	Box
Canada	CPBWDG5-4	5 lb. (2.26 kg)	White	Box
Canada	CPBWDG10	10 lb. (4.54 kg)	White	Box
Canada	CPBWDG25	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

Seal grout joints with TileLab® SurfaceGard® Stone, Grout & Tile Sealer after grout has cured for 48-72 hours. For routine cleaning, use a TileLab® 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

Commercial 100% Silicone Sealant
Ceramic Tile Caulk
TileLab® SurfaceGard® Sealer
TileLab® Grout & Tile Cleaner

Coverage Chart

For 5 lb. box of PolyBlend Dry White Grout in ft² (m²)

Polyblend® White Dry Grout

Tile Size	**Joint Width**	
Width x Length x Thickness	**1/16" (1.6 mm)**	**1/8" (3 mm)**
1" x 1" x 1/4" (2.5 x 2.5 x .64 cm)	20 ft² (1.9 m²)	11 ft² (1 m²)
2" x 2" x 1/4" (5 x 5 x .64 cm)	38 ft² (3.5 m²)	20 ft² (1.9 m²)
3" x 3" x 1/4" (7.6 x 7.6 x .64 cm)	56 ft² (5.2 m²)	29 ft² (2.7 m²)
4.25" x 4.25" x 1/4" (10.8 x 10.8 x .64 cm)	78 ft² (7.2 m²)	40 ft² (3.7 m²)
6" x 6" x 1/4" (15.2 x 15.2 x .64 cm)	110 ft² (10.2 m²)	56 ft² (5.2 m²)
8" x 8" x 3/8" (20.3 x 20.3 x 1 cm)	97 ft² (9 m²)	49 ft² (4.6 m²)
12" x 12" x 3/8" (30.5 x 30.5 x 1 cm)	145 ft² (13.5 m²)	73 ft² (6.8 m²)
16" x 16" x 3/8" (40.6 x 40.6 x 1 cm)	192 ft² (17.8 m²)	97 ft² (9 m²)
20" x 20" x 3/8" (50.8 x 50.8 x 1 cm)	240 ft² (22.3 m²)	121 ft² (11.2 m²)
24" x 24" x 3/8" (61 x 61 x 1 cm)	287 ft² (26.7 m²)	144 ft² (13.4 m²)
6" x 36" x 3/8" (15.2 x 91.4 x 1 cm)	124 ft² (11.5 m²)	63 ft² (5.9 m²)
9 x 36" x 3/8" (22.9 x 91.4 x 1 cm)	173 ft² (16.1 m²)	87 ft² (8.1 m²)
12" x 48" x 3/8" (30.5 x 122 x 1 cm)	230 ft² (21.4 m²)	116 ft² (10.8 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.