

# POLYBLEND® WHITE DRY GROUT

**1. Product Name**

Polyblend® White Dry Grout

**2. Manufacturer**

Custom Building Products  
 13001 Seal Beach Blvd.  
 Seal Beach, CA 90740-2757  
 Customer Support: 800-272-8786  
 Technical Services: 800-282-8786  
 Fax: 800- 200-7765  
 Email: contactus@cbpmail.net  
 custombuildingproducts.com

**3. 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.

**USES**

- For grouting soft glazed tile, marble or other polished stone that could be scratched by sanded grouts.
- For grout joints up to 1/8" (3 mm).
- Use on floors, countertops, walls, ceilings, showers, fountains and pools.
- For interior or exterior installations.
- Rated (ASTM C627) for residential to extra heavy commercial use.

**LIMITATIONS**

- Portland cement grout should not be installed when ambient temperature is below 50° F (10° C) or for exterior applications if rain is expected within 24 hours.
- For industrial and commercial installations where chemical resistance is required, use CEG-Lite™ 100% Solids Commercial Epoxy Grout or 100% Solids Epoxy Grout in accordance with ANSI A118.3.
- Certain tile with high absorption, surface porosity or rough, textured surfaces and certain types of porcelain may require sealing prior to grouting to prevent staining. Use TileLab® SurfaceGard® Stone, Grout & Tile Sealer as a grout release to prevent grout staining when required.
- Efflorescence, a crystalline deposit that sometimes appears on cement grout as a whitish powder or crust, can occur with any Portland cement based product. If it occurs, remove with TileLab Sulfamic Acid Cleaner or Grout Haze Remover according to directions. Some natural stones are sensitive to acids. Test cleaners in an inconspicuous area before use. If the stone is sensitive, use TileLab Heavy-Duty Cleaner & Stripper.



**PACKAGING**

- 1 lb (.45 kg) box
- 5 lb (2.27 kg) box
- 10 lb (4.54 kg) box
- 25 lb (11.34 kg) bag

**4. Technical Data**

**APPLICABLE STANDARDS**

Meets or exceeds ANSI A118.6 specifications.

**Physical Properties:**

Linear Shrinkage: 7 day cure	<0.10%
Water Absorption:	
After Immersion	16%
After Drying	19%
Compressive Strength	3,300 psi
Tensile Strength:	
7 day cure	315 psi
28 day cure	525 psi
Flexural Strength (7 days)	>790 psi
Pot Life	1 - 2 hours
Initial Set	5 hours
Final Set	6 hours



**5. Installation**

**PREPARATORY WORK**

**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 TileLab SurfaceGard Stone, Grout & Tile Sealer.

**Mixing**

Start with 4-1/2 quarts (4.26 L) of cool, clean water. Mix in 25 lbs (11.34 kg) of grout with a margin trowel or low speed mixer (less than 300 RPMs) to achieve a smooth, creamy consistency. Do not use additives. If needed, up to one pint (473 ml) of additional water may be added to adjust consistency. Do not use additives. Let stand 10 minutes, re-mix before use. Periodic mixing during application keeps the grout workable but do not add additional water once mixed as this weakens the material. Discard grout when too stiff to work, about 2 hours.

**METHODS**

**Application**

Installation to conform to ANSI A108.10. Lightly dampen absorptive, highly porous tile with clean, cool water but leave no standing water in the joints. 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 when grout can be only slightly indented when pushed hard with your fingernail or about 10 - 20 minutes depending on type of tile and ambient temperature. Use as little water as possible for grout cleanup. Excess water will weaken the joint, cause variation in color and may cause shrinkage, cracks or pinholes. Smooth and level joints and remove excess grout from tile with a damp (not wet) small pore (hydrophilic) grout sponge using a circular motion. Change water and rinse sponge frequently. Using clean water and sponge will enhance color uniformity. Wait 2 hours before removing haze from tile surface with a soft, dry cloth.

**Curing**

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

**Clean-Up**

Clean tools and hands with water before material dries.

**SAFETY**

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.

**Coverage**

Coverage will vary depending on the tile size and joint width.

SQUARE FOOT COVERAGE PER 25 LB BAG (SQUARE FOOT COVERAGE PER 11.34 KG)	JOINT WIDTH	
	1/16" (1.6 MM)	1/8" (3 MM)
TILE SIZE		
1" x 1" x 1/4" (25 x 25 x 6 mm)	110 (10.2)	50 (4.6)
2" x 2" x 1/4" (50 x 50 x 6 mm)	212 (19.6)	100 (9.2)
3" x 3" x 1/4" (75 x 75 x 6 mm)	315 (29.2)	150 (13.9)
4 1/4" x 4 1/4" x 1/4" (108 x 108 x 6 mm)	372 (34.5)	195 (18.1)
6" x 6" x 1/4" (150 x 150 x 6 mm)	625 (58)	300 (27.8)
8" x 8" x 3/8" (200 x 200 x 9.5 mm)	550 (51)	275 (25.5)
12" x 12" x 3/8" (300 x 300 x 9.5 mm)	827 (30.1)	427 (39.6)
16" x 16" x 3/8" (400 x 400 x 9.5 mm)	925 (86)	462 (42.9)
20" x 20" x 3/8" (500 x 500 x 9.5 mm)	1132 (105.1)	567 (52.6)
24" x 24" x 3/8" (600 x 600 x 9.5 mm)	1647 (153)	825 (76.6)



**6. Availability & Cost**

Contact the manufacturer or visit [custombuildingproducts.com](http://custombuildingproducts.com) for information about product cost and availability.

ITEM CODE	SIZE	COLOR	PACKAGE
<b>USA</b>			
PBWDG25	25 lb. (11.34 kg)	White	Bag
<b>Canada</b>			
CPBWDG1-6	1 lb. (.45 kg)	White	Box
CPBWDG5-4	5 lb. (2.26 kg)	White	Box
CPBWDG10	10 lb. (4.54 kg)	White	Box
CPBWDG25	25 lb. (11.34 kg)	White	Bag

**7. Limited 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](http://custombuildingproducts.com)

**8. 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.

**9. Technical Services**

For technical assistance contact Custom Building Products or visit [custombuildingproducts.com](http://custombuildingproducts.com).

**10. Filing Systems**

Additional product information is available from the manufacturer upon request.

**Related Products**

- Commercial 100% Silicone Caulk
- Polyblend® Ceramic Tile Caulk
- TileLab® SurfaceGard® Stone, Grout & Tile Sealer
- TileLab® Grout & Tile Sealer

