

# Polyblend® Sanded Grout

## 1 Product Name

Polyblend® Sanded Grout

## 2 Manufacturer

Custom Building Products  
 Technical Services  
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 Santa Fe Springs, CA 90670  
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## 3 Product Description

A polymer-modified, cement-based sanded grout that produces hard, dense joints that resist shrinking, cracking and wear. Formulated for durability, Polyblend® Sanded Grout accommodates 1/8"-1/2" (3.1-12.7 mm) joints for interior or exterior installations, including floors, countertops, walls, ceilings, showers, fountains and pools.

### Key Features

- Easy to use - Just mix with water
- Polymer fortified for hard, durable, professional results

### Uses

- Use to fill joint widths 1/8" to 1/2" (3.1 to 12.7 mm)
- May be used for both floor and wall installations
- Interior and exterior applications
- Residential and commercial applications
- Countertops, tub surrounds, showers and high traffic areas
- Submerged conditions (swimming pools, spas, water features and fountains)

### Suitable Tile Types

- Vitreous, semi-vitreous or non-vitreous tile: ceramic, mosaic, quarry, cement body tiles
- Impervious porcelain and glass tile
- Brick and stone veneer
- Cement-based precast terrazzo
- Natural stone tile

### Composition of Product

Polyblend® Sanded Grout is a dry, Portland cement based grout with silica sand, inorganic aggregates and chemicals.

### Benefits of Product in the Installation

- Hard, durable grout joints
- Resists shrinking, cracking, powdering and wear



### 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, metal, 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 [Aqua Mix® Grout Release](#) or [TileLab® SurfaceGard® Sealer](#) 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](#).
- Chemicals in salt-based pool filtration systems can cause a reaction with blue, green and red grouts. Contact Technical Services for recommendations.
- 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

Available in 3 sizes:

- 1 lb (.45 kg) tub
- 7 lb (3.17 kg) box
- 25 lb (11.34 kg) bag

25 lb bag and 7 lb box are available in 15 standard colors in the US and 18 in Canada; color matching is available. 1 lb grout is available in 4 colors.



# Polyblend® Sanded Grout

## 4 Technical Data

### Applicable Standards

American National Standards Institute (ANSI) ANSI A108.10 & A118.6 of the American National Standards for the Installation of Ceramic Tile ASTM International (ASTM)

- ASTM C109 Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or (50-mm) Cube Specimens)
- ASTM C531 Standard Test Method for Linear Shrinkage
- ASTM C580 Standard Test method for Flexural Strength
- ISO 13007-3

### Approvals

Polyblend® Sanded Grout exceeds ANSI A118.6 standards.

### Technical Chart

| Property                    | Test Method           | Requirement | Typical Results |
|-----------------------------|-----------------------|-------------|-----------------|
| Pot Life                    |                       |             | 1 - 2 Hours     |
| Shrinkage                   | A118.6<br>Section 4.3 | < 0.20%     | <0.20%          |
| Water Absorption            | A118.6<br>Section 4.4 | < 10%       | <10%            |
| 28 Day Compressive Strength | A118.6<br>Section 4.5 | > 3000 psi  | > 3000 psi      |
| Tensile Strength            | A118.6<br>Section 4.6 | > 300 psi   | > 300 psi       |
| Flexural Strength           | A118.6<br>Section 4.7 | > 500 psi   | > 500 psi       |

### 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

## 5 Instructions

### General Surface Prep

**Always wear proper protective equipment when handling the product, including IMPERVIOUS GLOVES, such as nitrile, safety glasses, and a NIOSH N95 respirator (mask).**

Tile or stone must be firmly bonded to a sound substrate, and setting material must be cured a minimum 24-48 hours before cement grout is applied, unless rapid-setting mortars are used. See the corresponding data sheet for the bonding mortars used in your application. Remove spacers and ensure that the grout joints are uniform in depth and width and free of loose debris, contaminants and excess mortar. Use [TileLab® SurfaceGard® Sealer](#) or [Aqua Mix® Grout Release](#) to seal tile or stone subject to staining or when using a grout that contrasts with the color of the tile.

### Mixing Ratios

- Mix 2 qt (1.89 L) clean water to 25 lb (11.34 kg) grout.
- Mix 1 pt (.473 L) clean water to 7 lb (3.17 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.

### Application of Product

Installation must 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, completely fill the joints. Holding the edge of the float at a 90° angle, remove excess grout. At 70° F, do not spread more grout than can be cleaned within 30 minutes of the grout firming and use as little water as possible for grout clean-up (higher temperatures may shorten this time frame). Using a damp, small pore grout sponge in a circular motion, smooth and level joints and remove excess grout. Change the water and rinse the sponge frequently. Haze can be removed after 3 hours with cheesecloth or wrung-out sponge. If haze persists, the installation can be washed after three days with Aqua Mix NanoScrub or after ten days with Aqua Mix® Sulfamic Acid Crystals, TileLab® Sulfamic Acid Cleaner or Aqua Mix® Cement Grout Haze Remover. Perform a test in an inconspicuous area prior to complete application. Movement joints are required for perimeters and other changes of plane in all installations. See TCNA Detail EJ171 for recommendations.

### Curing of Product

Curing time is affected by ambient and surface temperatures and humidity. For exterior applications, it is recommended that the installation is misted periodically 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 installations and maintain >50° F (10° C) temperatures for at least 72 hours for proper cure.

### Sealing of Grout

If the use of a sealer is desired for extra protection, apply 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 the material dries.

### Cleaning of equipment

Clean tools and hands with water before the material dries.



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# Polyblend® Sanded Grout


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## Storage

Protect from freezing. Store in a cool, dry area.

## Health Precautions

**DANGER: CAUSES SEVERE SKIN BURNS AND SERIOUS EYE DAMAGE. PROLONGED OR REPEATED INHALATION OF DUST MAY CAUSE LUNG DAMAGE OR CANCER. DO NOT BREATHE DUST OR SWALLOW.** You cannot rely on pain to alert you to cement burns. Portland cement can cause dermatitis or sensitization. A NIOSH N95 respirator (mask) is recommended, especially in poorly ventilated areas, when use is frequent, or when permissible exposure limits may be exceeded. Immediately wash contaminated body and clothing thoroughly. If in eyes: rinse cautiously with water for several minutes; remove contact lenses if easy to do; continue rinsing. If inhaled: remove person to fresh air and keep comfortable for breathing. If swallowed: rinse mouth; do NOT induce vomiting. If you experience a burn, rash or skin irritation: immediately see a doctor. Immediately seek medical attention if any symptoms are significant or persist. In Emergency: 1-800-535-5053. **Contains silica sand, portland cement, titanium dioxide and may contain carbon black.** Before handling read Safety Data Sheet at [www.custombuildingproducts.com](http://www.custombuildingproducts.com). **KEEP OUT OF REACH OF CHILDREN.**

 **WARNING:** This product can expose you to chemicals including crystalline silica, which is known to the State of California to cause cancer, and hexavalent chromium compounds, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Conformance to Building Codes

Installation must comply with the requirements of all applicable local, state and federal code jurisdictions.



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## 6 Availability & Cost

| Location            | Grout Color        | Item Code | Size           | Package | Item Code | Size             | Package |
|---------------------|--------------------|-----------|----------------|---------|-----------|------------------|---------|
| USA                 | #9 Natural Gray    | PBG097-4  | 7 lb (3.17 kg) | Box     | PBG0925   | 25 lb (11.34 kg) | Bag     |
| USA                 | #11 Snow White     | PBG117-4  | 7 lb (3.17 kg) | Box     | PBG1125   | 25 lb (11.34 kg) | Bag     |
| USA                 | #19 Pewter         | PBG197-4  | 7 lb (3.17 kg) | Box     | PBG1925   | 25 lb (11.34 kg) | Bag     |
| USA                 | #60 Charcoal       | PBG607-4  | 7 lb (3.17 kg) | Box     | PBG6025   | 25 lb (11.34 kg) | Bag     |
| USA                 | #115 Platinum      | PBG1157-4 | 7 lb (3.17 kg) | Box     | PBG11525  | 25 lb (11.34 kg) | Bag     |
| USA                 | #122 Linen         | PBG1227-4 | 7 lb (3.17 kg) | Box     | PBG12225  | 25 lb (11.34 kg) | Bag     |
| USA                 | #165 Delorean Gray | PBG1657-4 | 7 lb (3.17 kg) | Box     | PBG16525  | 25 lb (11.34 kg) | Bag     |
| USA                 | #380 Haystack      | PBG3807-4 | 7 lb (3.17 kg) | Box     | PBG38025  | 25 lb (11.34 kg) | Bag     |
| USA                 | #381 Bright White  | PBG3817-4 | 7 lb (3.17 kg) | Box     | PBG38125  | 25 lb (11.34 kg) | Bag     |
| USA                 | #382 Bone          | PBG3827-4 | 7 lb (3.17 kg) | Box     | PBG38225  | 25 lb (11.34 kg) | Bag     |
| USA                 | #386 Oyster Gray   | PBG3867-4 | 7 lb (3.17 kg) | Box     | PBG38625  | 25 lb (11.34 kg) | Bag     |
| USA                 | #544 Rolling Fog   | PBG5447-4 | 7 lb (3.17 kg) | Box     | PBG54425  | 25 lb (11.34 kg) | Bag     |
| USA                 | #640 Arctic White  | PBG5457-4 | 7 lb (3.17 kg) | Box     | PBG54525  | 25 lb (11.34 kg) | Bag     |
| USA                 | #646 Coffee Bean   | PBG6467-4 | 7 lb (3.17 kg) | Box     | PBG64625  | 25 lb (11.34 kg) | Bag     |
| USA                 | #647 Brown Velvet  | PBG6477-4 | 7 lb (3.17 kg) | Box     | PBG64725  | 25 lb (11.34 kg) | Bag     |
| USA - Special Order | All 15 colors      |           |                |         | PBGXXX50  | 50 lb (22.68 kg) | Bag     |

| Location | Grout Color        | Item Code  | Size           | Package | Item Code | Size             | Package |
|----------|--------------------|------------|----------------|---------|-----------|------------------|---------|
| Canada   | #9 Natural Gray    | CPBG097-4  | 7 lb (3.17 kg) | Box     | CPBG0925  | 25 lb (11.34 kg) | Bag     |
| Canada   | #10 Antique White  | CPBG107-4  | 7 lb (3.17 kg) | Box     | CPBG1025  | 25 lb (11.34 kg) | Bag     |
| Canada   | #11 Snow White     | CPBG117-4  | 7 lb (3.17 kg) | Box     | CPBG1125  | 25 lb (11.34 kg) | Bag     |
| Canada   | #19 Pewter         | CPBG197-4  | 7 lb (3.17 kg) | Box     | CPBG1925  | 25 lb (11.34 kg) | Bag     |
| Canada   | #52 Tobacco Brown  | CPBG527-4  | 7 lb (3.17 kg) | Box     | CPBG5225  | 25 lb (11.34 kg) | Bag     |
| Canada   | #60 Charcoal       | CPBG607-4  | 7 lb (3.17 kg) | Box     | CPBG6025  | 25 lb (11.34 kg) | Bag     |
| Canada   | #105 Earth         | CPBG1057-4 | 7 lb (3.17 kg) | Box     | CPBG10525 | 25 lb (11.34 kg) | Bag     |
| Canada   | #115 Platinum      | CPBG1157-4 | 7 lb (3.17 kg) | Box     | CPBG11525 | 25 lb (11.34 kg) | Bag     |
| Canada   | #122 Linen         | CPBG1227-4 | 7 lb (3.17 kg) | Box     | CPBG12225 | 25 lb (11.34 kg) | Bag     |
| Canada   | #145 Light Smoke   | CPBG1457-4 | 7 lb (3.17 kg) | Box     | CPBG14525 | 25 lb (11.34 kg) | Bag     |
| Canada   | #165 Delorean Gray | CPBG1657-4 | 7 lb (3.17 kg) | Box     | CPBG16525 | 25 lb (11.34 kg) | Bag     |
| Canada   | #185 New Taupe     | CPBG1857-4 | 7 lb (3.17 kg) | Box     | CPBG18525 | 25 lb (11.34 kg) | Bag     |
| Canada   | #335 Winter Gray   | CPBG3357-4 | 7 lb (3.17 kg) | Box     | CPBG33525 | 25 lb (11.34 kg) | Bag     |
| Canada   | #380 Haystack      | CPBG3807-4 | 7 lb (3.17 kg) | Box     | CPBG38025 | 25 lb (11.34 kg) | Bag     |
| Canada   | #381 Bright White  | CPBG3817-4 | 7 lb (3.17 kg) | Box     | CPBG38125 | 25 lb (11.34 kg) | Bag     |
| Canada   | #382 Bone          | CPBG3827-4 | 7 lb (3.17 kg) | Box     | CPBG38225 | 25 lb (11.34 kg) | Bag     |
| Canada   | #386 Oyster Gray   | CPBG3867-4 | 7 lb (3.17 kg) | Box     | CPBG38625 | 25 lb (11.34 kg) | Bag     |
| Canada   | #540 Truffle       | CPBG5407-4 | 7 lb (3.17 kg) | Box     | CPBG54025 | 25 lb (11.34 kg) | Bag     |

| Location | Grout Color     | Item Code  | Size | Package |
|----------|-----------------|------------|------|---------|
| USA      | #9 Natural Gray | PBG-091-4  | 1 lb | Tub     |
| USA      | #122 Linen      | PBG-1221-4 | 1 lb | Tub     |
| USA      | #380 Haystack   | PBG-3801-4 | 1 lb | Tub     |
| USA      | #382 Bone       | PBG-3821-4 | 1 lb | Tub     |

See our color card for truest color representation when selecting or specifying a grout color. First, inspect the color card for color accuracy and consistency as well as jobsite conditions and finishing techniques. For best results, perform a test of the grout on a small area of the surface prior to installation.



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## 7 Product Warranty

**NOTICE:** Obtain the applicable **LIMITED WARRANTY** at [www.custombuildingproducts.com/product-warranty](http://www.custombuildingproducts.com/product-warranty) or send a written request to Custom Building Products, Inc., Five Concourse Parkway, Atlanta, GA 30328, USA. Manufactured by or under the authority of Custom Building Products, Inc. © 2022 Quikrete International, Inc.

## 8 Product Maintenance

Clean with a pH-neutral cleaner such as [Aqua Mix Concentrated Tile & Stone Cleaner](#) or [TileLab Grout & Tile Cleaner](#).

## 9 Technical Services Information

For technical assistance, contact Custom® technical services at 800-272-8786 or visit [custombuildingproducts.com](http://custombuildingproducts.com).

## 10 Filing System

Additional product information is available from the manufacturer upon request.

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### Related Products

Ceramic Tile Caulk

Commercial 100% Silicone Sealant

TileLab® SurfaceGard® Sealer

StainBlocker for Grout

Polyblend® Non-Sanded Grout

# Polyblend® Sanded Grout

## Coverage

For 25 lb. bag of Polyblend in ft<sup>2</sup> (m<sup>2</sup>) per bag

| Tile Size                                   | Joint Width                                |  |  |  |  |
|---|--|--|--|--|--|
|   | 1/8" (3 mm)                                | 3/16" (4.8 mm)                             | 1/4" (6.3 mm)                              | 3/8" (9.5 mm)                              | 1/2" (13 mm)                               |
| Width x Length x Thickness                  |  |  |  |  |  |
| 1" x 1" x 1/4" (2.5 x 2.5 x .64 cm)         | 54 ft <sup>2</sup> (5 m <sup>2</sup> )     | 40 ft <sup>2</sup> (3.7 m <sup>2</sup> )   | 33 ft <sup>2</sup> (3.1 m <sup>2</sup> )   | 27 ft <sup>2</sup> (2.5 m <sup>2</sup> )   | 24 ft <sup>2</sup> (2.2 m <sup>2</sup> )   |
| 2" x 2" x 1/4" (5 x 5 x .64 cm)             | 96 ft <sup>2</sup> (8.9 m <sup>2</sup> )   | 68 ft <sup>2</sup> (6.3 m <sup>2</sup> )   | 54 ft <sup>2</sup> (5.0 m <sup>2</sup> )   | 40 ft <sup>2</sup> (3.7 m <sup>2</sup> )   | 33 ft <sup>2</sup> (3.1 m <sup>2</sup> )   |
| 3" x 3" x 1/4" (7.6 x 7.6 x .64 cm)         | 138 ft <sup>2</sup> (12.9 m <sup>2</sup> ) | 96 ft <sup>2</sup> (8.9 m <sup>2</sup> )   | 74 ft <sup>2</sup> (7 m <sup>2</sup> )     | 54 ft <sup>2</sup> (5 m <sup>2</sup> )     | 43 ft <sup>2</sup> (4 m <sup>2</sup> )     |
| 4.25" x 4.25" x 1/4" (10.8 x 10.8 x .64 cm) | 192 ft <sup>2</sup> (17.8 m <sup>2</sup> ) | 131 ft <sup>2</sup> (12.2 m <sup>2</sup> ) | 101 ft <sup>2</sup> (9.4 m <sup>2</sup> )  | 71 ft <sup>2</sup> (6.6 m <sup>2</sup> )   | 56 ft <sup>2</sup> (5.2 m <sup>2</sup> )   |
| 6" x 6" x 1/4" (15.2 x 15.2 x .64 cm)       | 266 ft <sup>2</sup> (24.7 m <sup>2</sup> ) | 181 ft <sup>2</sup> (16.8 m <sup>2</sup> ) | 139 ft <sup>2</sup> (12.9 m <sup>2</sup> ) | 96 ft <sup>2</sup> (8.9 m <sup>2</sup> )   | 75 ft <sup>2</sup> (7.0 m <sup>2</sup> )   |
| 8" x 8" x 3/8" (20.3 x 20.3 x 1 cm)         | 234 ft <sup>2</sup> (21.7 m <sup>2</sup> ) | 158 ft <sup>2</sup> (14.7 m <sup>2</sup> ) | 121 ft <sup>2</sup> (11.2 m <sup>2</sup> ) | 83 ft <sup>2</sup> (7.7 m <sup>2</sup> )   | 64 ft <sup>2</sup> (6 m <sup>2</sup> )     |
| 12" x 12" x 3/8" (30.5 x 30.5 x 1 cm)       | 348 ft <sup>2</sup> (32.3 m <sup>2</sup> ) | 234 ft <sup>2</sup> (21.7 m <sup>2</sup> ) | 177 ft <sup>2</sup> (16.5 m <sup>2</sup> ) | 121 ft <sup>2</sup> (11.2 m <sup>2</sup> ) | 92 ft <sup>2</sup> (8.6 m <sup>2</sup> )   |
| 16" x 16" x 3/8" (40.6 x 40.6 x 1 cm)       | 462 ft <sup>2</sup> (42.8 m <sup>2</sup> ) | 310 ft <sup>2</sup> (28.8 m <sup>2</sup> ) | 234 ft <sup>2</sup> (21.7 m <sup>2</sup> ) | 158 ft <sup>2</sup> (14.7 m <sup>2</sup> ) | 121 ft <sup>2</sup> (11.2 m <sup>2</sup> ) |
| 18" x 18" x 3/8" (45.7 x 45.7 x 1 cm)       | 518 ft <sup>2</sup> (48.1 m <sup>2</sup> ) | 348 ft <sup>2</sup> (32.3 m <sup>2</sup> ) | 262 ft <sup>2</sup> (24.4 m <sup>2</sup> ) | 177 ft <sup>2</sup> (16.5 m <sup>2</sup> ) | 135 ft <sup>2</sup> (12.5 m <sup>2</sup> ) |
| 20" x 20" x 3/8" (50.8 x 50.8 x 1 cm)       | 574 ft <sup>2</sup> (53.4 m <sup>2</sup> ) | 385 ft <sup>2</sup> (35.8 m <sup>2</sup> ) | 291 ft <sup>2</sup> (27 m <sup>2</sup> )   | 196 ft <sup>2</sup> (18.2 m <sup>2</sup> ) | 149 ft <sup>2</sup> (13.8 m <sup>2</sup> ) |
| 24" x 24" x 3/8" (61 x 61 x 1 cm)           | 688 ft <sup>2</sup> (63.9 m <sup>2</sup> ) | 461 ft <sup>2</sup> (42.8 m <sup>2</sup> ) | 348 ft <sup>2</sup> (32.3 m <sup>2</sup> ) | 234 ft <sup>2</sup> (21.7 m <sup>2</sup> ) | 177 ft <sup>2</sup> (16.5 m <sup>2</sup> ) |
| 6" x 24" x 3/8" (15.2 x 61 x 1 cm)          | 279 ft <sup>2</sup> (26 m <sup>2</sup> )   | 189 ft <sup>2</sup> (17.5 m <sup>2</sup> ) | 143 ft <sup>2</sup> (13.3 m <sup>2</sup> ) | 98 ft <sup>2</sup> (9.1 m <sup>2</sup> )   | 75 ft <sup>2</sup> (7 m <sup>2</sup> )     |
| 12" x 24" x 3/8" (30.5 x 61 x 1 cm)         | 461 ft <sup>2</sup> (42.8 m <sup>2</sup> ) | 310 ft <sup>2</sup> (28.8 m <sup>2</sup> ) | 234 ft <sup>2</sup> (21.7 m <sup>2</sup> ) | 158 ft <sup>2</sup> (14.7 m <sup>2</sup> ) | 121 ft <sup>2</sup> (11.2 m <sup>2</sup> ) |
| 6" x 36" x 3/8" (15.2 x 91.4 x 1 cm)        | 299 ft <sup>2</sup> (27.8 m <sup>2</sup> ) | 202 ft <sup>2</sup> (18.7 m <sup>2</sup> ) | 153 ft <sup>2</sup> (14.2 m <sup>2</sup> ) | 104 ft <sup>2</sup> (9.7 m <sup>2</sup> )  | 80 ft <sup>2</sup> (7.4 m <sup>2</sup> )   |
| 9 x 36" x 3/8" (22.9 x 91.4 x 1 cm)         | 416 ft <sup>2</sup> (38.6 m <sup>2</sup> ) | 279 ft <sup>2</sup> (26 m <sup>2</sup> )   | 211 ft <sup>2</sup> (19.6 m <sup>2</sup> ) | 143 ft <sup>2</sup> (13.3 m <sup>2</sup> ) | 109 ft <sup>2</sup> (10.2 m <sup>2</sup> ) |
| 12" x 48" x 3/8" (30.5 x 122 x 1 cm)        | 552 ft <sup>2</sup> (51.3 m <sup>2</sup> ) | 370 ft <sup>2</sup> (34.4 m <sup>2</sup> ) | 279 ft <sup>2</sup> (26 m <sup>2</sup> )   | 189 ft <sup>2</sup> (17.5 m <sup>2</sup> ) | 143 ft <sup>2</sup> (13.3 m <sup>2</sup> ) |

For 7 lb bag of Polyblend (sq ft/sq m per bag)

| Tile Size                                   | Joint Width                                |   |  |  |  |
|---|--|---|--|--|--|
|   | 1/8" (3 mm)                                | 3/16" (4.8 mm)                            | 1/4" (6.3 mm)                            | 3/8" (9.5 mm)                            | 1/2" (13 mm)                             |
| Width x Length x Thickness                  |  |   |  |  |  |
| 1" x 1" x 1/4" (2.5 x 2.5 x .64 cm)         | 15 ft <sup>2</sup> (1.4 m <sup>2</sup> )   | 11 ft <sup>2</sup> (1 m <sup>2</sup> )    | 9 ft <sup>2</sup> (.9 m <sup>2</sup> )   | 8 ft <sup>2</sup> (.7 m <sup>2</sup> )   | 7 ft <sup>2</sup> (.6 m <sup>2</sup> )   |
| 2" x 2" x 1/4" (5 x 5 x .64 cm)             | 27 ft <sup>2</sup> (2.5 m <sup>2</sup> )   | 19 ft <sup>2</sup> (1.8 m <sup>2</sup> )  | 15 ft <sup>2</sup> (1.4 m <sup>2</sup> ) | 11 ft <sup>2</sup> (1 m <sup>2</sup> )   | 9 ft <sup>2</sup> (.9 m <sup>2</sup> )   |
| 3" x 3" x 1/4" (7.6 x 7.6 x .64 cm)         | 39 ft <sup>2</sup> (3.6 m <sup>2</sup> )   | 27 ft <sup>2</sup> (2.5 m <sup>2</sup> )  | 21 ft <sup>2</sup> (1.9 m <sup>2</sup> ) | 15 ft <sup>2</sup> (1.4 m <sup>2</sup> ) | 12 ft <sup>2</sup> (1.1 m <sup>2</sup> ) |
| 4.25" x 4.25" x 1/4" (10.8 x 10.8 x .64 cm) | 54 ft <sup>2</sup> (5 m <sup>2</sup> )     | 37 ft <sup>2</sup> (3.4 m <sup>2</sup> )  | 28 ft <sup>2</sup> (2.6 m <sup>2</sup> ) | 20 ft <sup>2</sup> (1.9 m <sup>2</sup> ) | 16 ft <sup>2</sup> (1.5 m <sup>2</sup> ) |
| 6" x 6" x 1/4" (15.2 x 15.2 x .64 cm)       | 74 ft <sup>2</sup> (6.9 m <sup>2</sup> )   | 51 ft <sup>2</sup> (4.7 m <sup>2</sup> )  | 39 ft <sup>2</sup> (3.6 m <sup>2</sup> ) | 27 ft <sup>2</sup> (2.5 m <sup>2</sup> ) | 21 ft <sup>2</sup> (1.9 m <sup>2</sup> ) |
| 8" x 8" x 3/8" (20.3 x 20.3 x 1 cm)         | 66 ft <sup>2</sup> (6.1 m <sup>2</sup> )   | 44 ft <sup>2</sup> (4.1 m <sup>2</sup> )  | 34 ft <sup>2</sup> (3.1 m <sup>2</sup> ) | 23 ft <sup>2</sup> (2.2 m <sup>2</sup> ) | 18 ft <sup>2</sup> (1.7 m <sup>2</sup> ) |
| 12" x 12" x 3/8" (30.5 x 30.5 x 1 cm)       | 97 ft <sup>2</sup> (9 m <sup>2</sup> )     | 66 ft <sup>2</sup> (6.1 m <sup>2</sup> )  | 50 ft <sup>2</sup> (4.6 m <sup>2</sup> ) | 34 ft <sup>2</sup> (3.1 m <sup>2</sup> ) | 26 ft <sup>2</sup> (2.4 m <sup>2</sup> ) |
| 16" x 16" x 3/8" (40.6 x 40.6 x 1 cm)       | 129 ft <sup>2</sup> (12 m <sup>2</sup> )   | 87 ft <sup>2</sup> (8.1 m <sup>2</sup> )  | 66 ft <sup>2</sup> (6.1 m <sup>2</sup> ) | 44 ft <sup>2</sup> (4.1 m <sup>2</sup> ) | 34 ft <sup>2</sup> (3.1 m <sup>2</sup> ) |
| 18" x 18" x 3/8" (45.7 x 45.7 x 1 cm)       | 145 ft <sup>2</sup> (13.5 m <sup>2</sup> ) | 97 ft <sup>2</sup> (9 m <sup>2</sup> )    | 73 ft <sup>2</sup> (6.8 m <sup>2</sup> ) | 50 ft <sup>2</sup> (4.6 m <sup>2</sup> ) | 38 ft <sup>2</sup> (3.5 m <sup>2</sup> ) |
| 20" x 20" x 3/8" (50.8 x 50.8 x 1 cm)       | 161 ft <sup>2</sup> (14.9 m <sup>2</sup> ) | 108 ft <sup>2</sup> (10 m <sup>2</sup> )  | 81 ft <sup>2</sup> (7.6 m <sup>2</sup> ) | 55 ft <sup>2</sup> (5.1 m <sup>2</sup> ) | 42 ft <sup>2</sup> (3.9 m <sup>2</sup> ) |
| 24" x 24" x 3/8" (61 x 61 x 1 cm)           | 193 ft <sup>2</sup> (17.9 m <sup>2</sup> ) | 129 ft <sup>2</sup> (12 m <sup>2</sup> )  | 97 ft <sup>2</sup> (9 m <sup>2</sup> )   | 66 ft <sup>2</sup> (6.1 m <sup>2</sup> ) | 50 ft <sup>2</sup> (4.6 m <sup>2</sup> ) |
| 6" x 24" x 3/8" (15.2 x 61 x 1 cm)          | 78 ft <sup>2</sup> (7.3 m <sup>2</sup> )   | 53 ft <sup>2</sup> (4.9 m <sup>2</sup> )  | 40 ft <sup>2</sup> (3.7 m <sup>2</sup> ) | 27 ft <sup>2</sup> (2.5 m <sup>2</sup> ) | 21 ft <sup>2</sup> (2.0 m <sup>2</sup> ) |
| 12" x 24" x 3/8" (30.5 x 61 x 1 cm)         | 129 ft <sup>2</sup> (12 m <sup>2</sup> )   | 87 ft <sup>2</sup> (8.1 m <sup>2</sup> )  | 66 ft <sup>2</sup> (6.1 m <sup>2</sup> ) | 44 ft <sup>2</sup> (4.1 m <sup>2</sup> ) | 34 ft <sup>2</sup> (3.1 m <sup>2</sup> ) |
| 6" x 36" x 3/8" (15.2 x 91.4 x 1 cm)        | 84 ft <sup>2</sup> (7.8 m <sup>2</sup> )   | 56 ft <sup>2</sup> (5.2 m <sup>2</sup> )  | 43 ft <sup>2</sup> (4 m <sup>2</sup> )   | 29 ft <sup>2</sup> (2.7 m <sup>2</sup> ) | 22 ft <sup>2</sup> (2.1 m <sup>2</sup> ) |
| 9 x 36" x 3/8" (22.9 x 91.4 x 1 cm)         | 116 ft <sup>2</sup> (10.8 m <sup>2</sup> ) | 78 ft <sup>2</sup> (7.3 m <sup>2</sup> )  | 59 ft <sup>2</sup> (5.5 m <sup>2</sup> ) | 40 ft <sup>2</sup> (3.7 m <sup>2</sup> ) | 31 ft <sup>2</sup> (2.8 m <sup>2</sup> ) |
| 12" x 48" x 3/8" (30.5 x 122 x 1 cm)        | 155 ft <sup>2</sup> (14.4 m <sup>2</sup> ) | 104 ft <sup>2</sup> (9.6 m <sup>2</sup> ) | 78 ft <sup>2</sup> (7.3 m <sup>2</sup> ) | 53 ft <sup>2</sup> (4.9 m <sup>2</sup> ) | 40 ft <sup>2</sup> (3.7 m <sup>2</sup> ) |

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](tel:800-282-8786).

