



Dimension® with EzClean Technology

PREMIUM, GLASS-FILLED, PRE-MIXED GROUT WITH RAPIDCURE™ TECHNOLOGY

TECHNICAL DATA SHEET 08/08/2025

KEY FEATURES

- Exceeds ANSI A118.19
- Easy to clean and install
- Blends naturally with translucent look tile

DESCRIPTION

Bostik Dimension® with EzClean technology and RapidCure™ is a patented, premium, glass-filled, water-based grout. Dimension® contains reflective, micro-glass beads and a translucent resin binder that both reflects light as well as allows it to pass through.

This creates a variety of aesthetic effects in virtually all tile options available today. It may add an elegant sparkle and/or blend naturally with traditional tile and stone. It also creates a unique three-dimensional effect within clear glass tile installations. Dimension® offers HXD™ Technology. HXD™ Technology enables only Bostik to offer the highest performance resin system of any premixed grout available. The resin system is the most important factor in grout performance. This breakthrough in polymer chemistry enables Bostik's premium, premixed grouts to offer unmatched toughness as well as water and stain resistance.

Dimension® is designed to have the perfect balance of physical properties in order to provide flexibility, strength, and adhesion, making these premium grouts an excellent choice for a wide variety of applications.

Dimension® offers unmatched flexibility and toughness. This grout is engineered to optimally accommodate the thermal expansion and contraction inherent in glass tile. This unique feature set results in an installation that is significantly less prone to tile or grout cracking due to severe temperature fluctuations. Dimension® contains built-in sealer technology, so it doesn't need to be sealed for the life of the installation, and it also installs up to 50% faster than traditional grouts. Dimension® is approved for intermittent water exposure after only 3 days of cure.

Suitable applications include interior and exterior, residential and commercial wall installations with ceramic, porcelain, glass, metal, and natural stone tiles on floors and walls in dry-to-intermittent wet applications. It can be used in horizontal (floor) grout joint widths from 1/16" to 1/2" and vertical (wall) grout joints from 1/16" to 1/4". Dimension® contains Bostik's Blockade® antimicrobial protection, which inhibits the growth of bacteria, mold, and mildew on the surface of cured grout and enables it to resist stains caused by mold.



Dimension® with EzClean technology is a revolutionary new technology as it employs state-of-the-art polymer chemistry. This grout exceeds ANSI A118.19.

PRODUCT BENEFITS

- Easy water cleanup
- Unique reflective appearance
- 3-day intermittent water exposure
- No color fading, streaking, or shading
- Highly crack resistant
- Fast, easy installation – installs up to 50% faster than other grouts
- Excess product can be saved and used later (when stored properly in original container)
- UV stable – colors will not yellow or fade
- Contains Bostik's Blockade® antimicrobial protection
- Non-sag formula ideal for vertical surfaces
- May contribute to USGBC LEED® Credits: MR 4.1 & 4.2 (Recycled Content) and EQ 4.1 (Low-Emitting Materials)
- Does not contribute to efflorescence
- Flexible to expand and contract naturally with glass tile

This supersedes and replaces in its entirety all previously published versions of this document. B176706

DIRECTIONS FOR USE

Read and understand this technical data sheet and associated material safety data sheet completely before beginning. Always use protective clothing (gloves and eye protection) when working with grout. When installing tile, follow applicable ANSI, TCNA, and NTCA installation standards.

INSTALLATION

PRIOR TO GROUTING FULL INSTALLATION, APPLY TO A TEST AREA TO BECOME FAMILIAR WITH APPLICATION AND TO ENSURE PRODUCT SATISFACTION.

PREPARATION PRIOR TO APPLYING GROUT

- Ensure tile is firmly set and mortar is completely dry/cured.
NOTE: When waterproofing, ensure waterproofing products are installed over the mud bed (not under). Wait at least 24 hours after setting tile before grouting with Dimension® with EzClean technology. Always follow tile manufacturer's instructions before grouting.
- Remove all spacers, water, debris, and adhesive from tile joints. Make sure the tile and grout joints are clean and free of any contaminants that may inhibit the bond. For best results, the surface of tile should be at room temperature (70°F/21°C to 75°F/24°C). Premixed grouts drying rate is affected by temperature and humidity variations. Cool temperatures and/or high humidity will slow cure time.
- To facilitate cleaning, it is helpful to pre-seal porous, textured, or matte finished surfaces (including unglazed porcelain, matte-finished glazed tile, and matte glass) with a water-based sealer (natural stone) or grout release (tile), including sides of natural stone. The textured surfaces of these tiles allow the grout to settle into the textured surfaces during application, making it more difficult to clean. For glass, metal, marble, stone, and other soft tiles, prepare a mockup and test the grout to ensure compatibility and that the grout may be installed without scratching the tile.
- Prior to re-grouting existing grout joints, completely remove all of the old grout and any surface contaminants. Rinse any residual material out of grout joints, then allow joints to completely dry before re-grouting.

APPLICATION OF GROUT

- Lightly dampen a sponge with clean water, and apply to the top of the tile in a 2-to-10 square-foot area (an arm's length). Wet tile enough to dampen, while ensuring water is not pooling in grout joints.



WHILE SPREADING GROUT

- Grout small areas at a time. Typically grout a 2-to-10 square-foot area (an arm's length) or an area you can comfortably grout in 2 to 3 minutes. It is more a matter of time spent spreading grout than distance covered. Spreading too far without cleaning within 2 to 3 minutes will allow the grout to begin to cure on the surface of the tile and create haze issues. Ensure you have enough product on the surface of the tile while grouting so that you can easily move it around and pack the joints. Work grout back and forth along the joint holding the float at a 45-degree angle to the face of the tile, ensuring grout joints are completely packed. Then, hold the float at a 90-degree angle to the face of the tile, and moving the float at a 45-degree angle to the line of the grout joint, remove the excess grout with the float. This should remove 95% of the grout from the tile surface. NOTE: For best results, do not grout a large area, and make sure to clean as you go.



TYPICAL PHYSICAL PROPERTIES

Description	Results	
PER ANSI A118.19		
Water Cleanability	Pass	
Indentation Resistance	28 day	5,000 PSI
	28 day dry 7 day wet	2,200 PSI
Abrasion Resistance	400 mm ³	
Resistance to Mold Growth	Pass	
Chemical Resistance	>500 PSI	
OTHER		
Density	14.5 lbs/gal	
Vertical Joint Sag	Pass	
Installation Temperature Range	40°F - 100°F (4°C - 38°C)	
Shelf Life	2 years (in original unopened container)	
Recycled Content	8% pre-consumer recycled glass	

TYPICAL WORKING PROPERTIES

Description	Time
Tack-Free Time	3 hours
Ready for Light Foot Traffic	24 hours
Ready for Heavy Foot Traffic	3 days
Stain Resistant (Food, Beverages, etc.)	3 days
Cure Time Before Intermittent Water Exposure (>70°F/21°C and <50% RH)	3 days

CHEMICAL RESISTANCE PROPERTIES (PER ANSI A118.19 SECTION 5.5)

Chemical Resistance	Typically Found In	Results
Acetic Acid (3%)	Vinegar	Pass
Ammonium Chloride (10%)	Shampoo	Pass
Citric Acid Solution (100 g/L per 10%)	Household Cleaners	Pass
Lactic Acid (10%)	Milk	Pass
Phosphoric Acid (10%)	Household Cleaners	Pass
Sulfamic Acid (10%)	Cleaning Agents	Pass
Sodium Hypochlorite (6.5%)	Bleach, Household Chemicals, Disinfectants	Pass
Hydrochloric Acid (10%)	Muriatic Acid	Pass

Results shown are typical and reflect test procedures used by the Tile Council of North America (TCNA).

INITIAL CLEANUP

We recommend using a sponge with a blue microfiber on one side and two rinse buckets as follows:



- Double-rinse your sponge before each cleaning by dipping the sponge into the first bucket of water and then the second bucket of water. Squeeze sponge after rinsing in each bucket.
- Using the yellow side of the sponge, lightly work the sponge in a circular motion to loosen grout residue on the surface of the tile and tool, and form the grout joints. Now, dip the sponge in the second bucket of water. Using the blue side of the sponge, hold the sponge flat on the surface of the tile, and wipe off excess grout residue at a 45-degree angle to the grout joints.
- Repeat this process once, and then move on to the next grouting area. Remember not to spread an area larger than you can clean within 2 to 3 minutes.
- Change the first bucket of rinse water approximately every 50 to 100 square feet or when the second bucket of rinse water no longer appears clean or clear. This avoids re-depositing the clear urethane binder back on the surface of the tile.

- There is no need to change both buckets of rinse water, as you simply move the second bucket into the first bucket position, and then place the fresh bucket of rinse water in the second bucket position. This saves time and water! Check your work as you clean. Repair any low spots with additional grout. DO NOT overwash grout joints. INSTALLATION TIP: If working alone, only grout as far as you can reach (arm's length) before cleaning. If working as a team, one person should grout, while the other(s) are cleaning immediately (no more than 2 to 3 minutes) behind the first person.
- Squeeze to remove excess water and create a damp sponge. Place sponge flat on tile surface, and use light pressure to ensure a full, flush grout joint.



Use light pressure, and keep sponge flat on tile surface.



Do not bend sponge, as this pulls grout from the joint.

AFTER INITIAL CLEANUP

If this process is followed consistently, the only grout residue remaining should be easily removed by moving a dry cotton (white and lint free) or microfiber cloth across the surface of the tile in a circular motion two or three times.

After grouting for approximately 1-1/2 hours, inspect the area to see if you notice a film/haze on the surface of the tile. If you notice a film or haze, lightly tap the grout joints with your finger to ensure the joint is firm and the grout does not transfer to your fingertip. When joint is firm, use an alcohol-based clear glass cleaner (for luxury vinyl tile, test first on a separate piece for compatibility) to remove any residual film or haze.

Spray alcohol-based clear glass cleaner on a nylon cleaning pad (such as a microfiber towel or 3M® Doodlebug™) designed for delicate surfaces. Rub the cleaning pad lightly over the urethane haze on the tile, being careful not to disturb the grout joints.

Excessive haze may require a direct spray on the surface of the tile, more dwell time, or repeated cleaning. Do not flood surface with cleaner. Allow cleaner to rest on the tile/stone surface for at least 60 seconds to ensure sufficient penetration. Use a damp sponge and clean water to rinse and remove film and cleaner. Finish by drying the tile surface with a clean towel or cloth. Remove any remaining film/haze before moving to next area to be grouted. This process eliminates the chances of having to go back for secondary haze removal (next day).

RESIDUAL HAZE

If additional haze removal is necessary, Bostik Blaze™ Urethane Grout Haze Cleaner may be used. Make sure the grout is sufficiently cured to withstand light finger pressure without losing form. The approximate waiting time before additional cleaning is 3 hours in low humidity/warm temperature (<50% RH and >70°F/21°C) environments and 6 hours in high humidity/cool temperature (>50% RH and <70°F/21°C) environments. Spray Blaze™ on a nylon cleaning pad (such as a 3M® Doodlebug™) designed for delicate surfaces. Rub the cleaning pad lightly over the urethane haze on the tile, being careful not to disturb the grout joints.

18 LB. UNIT COVERAGE CHART (FT²)

Tile Size	1/16"	1/8"	3/16"	1/4"	3/8"	1/2"
1" x 1" x 1/4"	63	32	-	-	-	-
2" x 2" x 1/4"	126	63	-	-	-	-
3" x 6" x 5/16"	402	206	140	108	-	-
4" x 4" x 5/16"	382	196	134	102	-	-
4 1/4" x 4 1/4" x 5/16"	214	107	71	54	36	27
4" x 8" x 1/2"	168	84	56	42	28	21
6" x 6" x 1/2"	189	95	63	47	32	24
8" x 8" x 3/8"	337	168	112	84	56	42
12" x 12" x 3/8"	505	253	168	126	84	63
13" x 13" x 3/8"	547	274	182	137	91	68
16" x 16" x 3/8"	673	337	224	168	112	84
18" x 18" x 3/8"	758	379	253	189	126	95
24" x 24" x 3/8"	1010	505	337	253	168	126

9 LB. UNIT COVERAGE CHART (FT²)

Tile Size	1/16"	1/8"	3/16"	1/4"	3/8"	1/2"
1" x 1" x 1/4"	32	16	-	-	-	-
2" x 2" x 1/4"	63	32	-	-	-	-
3" x 6" x 5/16"	201	103	70	54	-	-
4" x 4" x 5/16"	191	98	67	51	-	-
4 1/4" x 4 1/4" x 5/16"	107	54	36	27	18	13
4" x 8" x 1/2"	84	42	28	21	14	11
6" x 6" x 1/2"	95	47	32	24	16	12
8" x 8" x 3/8"	168	84	56	42	28	21
12" x 12" x 3/8"	253	126	84	63	42	32
13" x 13" x 3/8"	274	137	91	68	46	34
16" x 16" x 3/8"	337	168	112	84	56	42
18" x 18" x 3/8"	379	189	126	95	63	47
24" x 24" x 3/8"	505	253	168	126	84	63

Average coverage per container - coverage will vary based on tile size, joint width, and depth.

MAINTENANCE

After grout has completely cured, for daily cleaning, use a neutral pH, water-based cleaner designed to be used for ceramic tile. Periodically or when grout joints appear soiled, a mildly abrasive, everyday household cleaner such as Soft Scrub® with bleach may be used. Apply Soft Scrub® with bleach directly on the grout joint, and allow it to sit for approximately 5 minutes. Then, gently scrub the grout joints with a white scrub pad, rinse, and allow to dry. DO NOT use undiluted bleach or other harsh chemicals. The use of "No Rinse" and/or acid-based cleaners is not recommended.

CURE TIME & PROTECTION

- Humidity, more than temperature, affects the rate at which Dimension® with EzClean technology cures. The lower the humidity, the faster the cure.
- Under normal conditions, light foot traffic is acceptable after 24 hours; heavy foot traffic after 72 hours.
- Let cure at least 72 hours before exposure to food stains.
- For ANY area that will later receive intermittent water exposure, allow the area to cure 3 days.
- Wait 7 days before exposing grouted area to household cleaners (see Chemical Resistance Properties Table).
- Protect outdoor installations (having proper drainage with no standing water) for 3 days by tenting the grouted area (at least one foot above the surface).
- Protect grout from stains and chemicals while curing.

LIMITATIONS

- Follow manufacturer's instructions for setting materials, waterproofing, anti-fracture membranes, etc., used on the job.
- Minimum recommended grout joint width is 1/16" for floors and walls.
- Maximum recommended grout joint width is 1/2" for floors and 1/4" for walls.
- Do not use with river rock or pebble tiles, as joints may exceed 1/2".
- Do not use as a setting mortar.
- Mortar color may affect the translucent nature of the chosen grout color. Test a small section of the grout with the mortar before beginning installation.**
- Not for use in heavy commercial or industrial applications (i.e., chemical plants, commercial kitchens, commercial showers, shipping/receiving, service areas, dairies, breweries, meat packing houses, etc.), or in areas subjected to harsh or persistent chemicals or enzymatic cleaners, or areas exposed to aggressive cleaning routines such as pressure washing or steam cleaning. Do not use vinegar or acid solutions for clean up during installation process. Use of enzymatic floor cleaners will void all warranties.
- Not a replacement for a waterproofing membrane. When a waterproofing system is required under ceramic tile or stone, consult Bostik Technical Service.
- Do not use on slabs with high moisture emission rates.
- NOTE: When waterproofing, ensure waterproofing products are installed over the mud bed (not under).
- Protect grout from stains and chemicals during the cure process.
- Do not grout when tile surface is above 100°F (38°C).
- Do not use vinegar or acid solutions for cleanup during installation process.
- Do not use for commercial re-grouting or wet environment re-grouting installations, including showers, steam showers, and outdoor applications.
- Not for use in hot tubs, steam showers, or areas to be submerged in water (such as pools, fountains, or water features).
- Use care when grouting glass, metal, or polished surfaces to avoid scratching. Test on a small area first.
- Use of a sealer before grouting is always recommended on frosted glass, marble, stone, slate, and other natural, porous tiles.
- For installations where a high chemical and stain resistance is required, use EzPoxy™ EzClean which meets ANSI A118.3.

- Use an approved waterproofing membrane on top of mud bed installations before installing tile or stone. Follow manufacturer's recommendations for waterproofing materials. For liquid-applied waterproofing materials, apply within 1" of any drains to prevent weep hole blockage.
- Caulk all corners (floor/wall change of plane) with an appropriate caulk after grout has cured, such as Bostik Pure Silicone™ Sealant or Tub and Tile Caulk™.
- Long-term exposure to any substance increases the potential for staining.

STORAGE/SHELF LIFE

- Dimension® with EzClean technology can be used for a period of up to two (2) years from date of manufacturer if stored in original, unopened container at temperatures above 32°F (0°C).
- After opening, Dimension® with EzClean technology can be saved for reuse if properly resealed in original container (always wipe the pail lip clean prior to resealing to ensure proper seal is achieved with the vapor lock lid).
- Do not freeze.

CAUTION

IRRITANT. MAY IRRITATE EYES, SKIN, AND RESPIRATORY TRACT. Do not get in eyes, on skin, or on clothing. Do not breathe fumes. Use with adequate ventilation. Wash thoroughly after handling. Store container in a cool, dry area with lid tightly sealed. Do not reuse container.

KEEP OUT OF REACH OF CHILDREN

FIRST AID TREATMENT

If in eyes or on skin, rinse with water for at least 15 minutes. If swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting.

SEE SAFETY DATA SHEET

CHEMICAL EMERGENCY: 800-424-9300 (USA), 703-527-3887 (International)

MEDICAL EMERGENCY: 866-767-5089

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