



North American
ADHESIVES®

NA 4600

EVER Color™ PQ

**Premium Ready-to-Use Grout
with Color-Coated Quartz**



PRODUCT DESCRIPTION

NA 4600 Ever Color PQ is a premium-grade, ready-to-use specialty grout for use with porcelain, ceramic and natural-stone tiles, and is ideal for both commercial and residential applications. No sealer is required because its composition helps prevent water-based stains. NA 4600 Ever Color PQ is formulated with the latest innovation in quartz aggregate, ensuring color consistency, ease of cleanability and improved workability.

FEATURES AND BENEFITS

- Ready to use; no need to add water and no mixing necessary
- No sealing required
- Helps to prevent mold and mildew
- Commercial and residential applications
- Indoor and outdoor environments
- Stain- and chemical-resistant grout formulation
- Easy cleanability, color consistency and workability
- Dries to a hard, uniform color surface in 24 hours and will not stain surfaces
- Crack-resistant and shrinkage-controlled formulation, with no efflorescence

USES

- For grout joints from 1/16" to 1/2" (1.5 to 12 mm)
- For grouting interior and exterior floors, walls, countertops and backsplashes
- For glass tile/mosaics as well as porcelain, ceramic and natural-stone tile (such as granite, travertine, slate, marble and polished marble), quarry and cement-based terrazzo
- For grouting intermittent wet conditions such as bathtub surrounds, shower walls and shower floors
- For interior/exterior commercial and residential installations under Res 1, 2, 3 and 6 and Com 1, 2, 3 and 6 per TCNA Environmental Classifications. NA 4600 Ever Color PQ is not for installations in submerged areas or areas hotter than 125°F (52°C).

SUBSTRATE REQUIREMENTS

Before grouting, make sure that tiles are firmly set and that the adhesive or mortar is completely dry. Remove all tile spacers. Grout joints must be clean and free of standing water, dust, dirt and foreign matter. Remove excess adhesive or mortar from the joint area so that 2/3 of the tile depth is left available for grouting. Clean the tile surface thoroughly to remove dust, dirt and

other contaminants that may cause grout discoloration. See the "Surface Preparation for Tile and Stone Installations" reference guide in the Document Library section of North American Adhesives' (NAA's) Website at www.na-adhesives.com.

Tile Council of North America (TCNA) Statement on Deflection Criteria

Floor systems, whether wood framed or concrete, over which the tile will be installed using the appropriate TCNA method, according to the Floor Tiling Installation Guide, shall be in conformance with the International Residential Code (IRC) for residential applications, the International Building Code (IBC) for commercial applications, or applicable building codes.

The owner should communicate in writing to the project design professional and general contractor the intended uses of the tile installation, including in-service loads or information to allow a project design professional to calculate such.

The tile contractor shall not be responsible for problems resulting from any structural subfloor installation not compliant with applicable building codes, unless structural subfloor was designed and installed by tile contractor, nor for problems from overloading. Please reference the most current version of the TCNA Handbook for more complete substrate requirements.

Consult Technical Services for installation recommendations regarding substrates and conditions not listed.

LIMITATIONS

- Some types of sensitive tiles such as glass mosaic or marble can be permanently stained, scratched, dulled or damaged when grouting. Always test the grout on a separate sample area before grouting to determine the suitability of the tile with the grout color selected.
- Not recommended:
 - If an absence of grout is desired in the pits of distressed or tumbled travertine tiles.
 - In water-submersion installations such as pools and hot tubs.
 - For installation in steam rooms or saunas.
 - In areas exposed to continuous high surface temperatures (greater than or equal to 140°F [60°C]), such as areas near fireplaces or wood stoves.
 - On commercial kitchen floors or environments where "no-rinse" enzymatic cleaners will be used.
 - In heavy industrial installations or commercial kitchens where fatty acids are present.



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- Use only at temperatures between 50°F and 95°F (10°C and 35°C). Drying time will vary depending on temperature, humidity, tile porosity and grout joint depth/width.
- Do not use with pebble-stone or river-rock tile or mosaics, irregularly shaped tile or stone, or anytime the grout joint width or depth equals or exceeds 1/2" (12 mm).
- *NA 4600 Ever Color PQ* cures faster in lower humidity conditions (less than 50% is ideal).
- Multiple use of steam cleaners or power washers on *NA 4600 Ever Color PQ* is not recommended.

APPLICATION

Before product use, take appropriate safety precautions. Consult the Safety Data Sheet for safe-handling instructions.

1. To aid in spreading the grout, slightly moisten the tile surface with a damp, grout sponge just before application.
2. Force the grout into the joints with a medium- to hard-rubber float held at a 45-degree angle to the tile surface.
3. Make sure that all joints are well-compacted and are free of voids and gaps.
4. Remove excess grout from the tile surface, holding the float at an almost 90-degree angle to the surface and moving the float diagonally to the joints while the grout is still fresh.
5. The grout surface should be flush with the tile edge.
6. Cleaning should begin after the surface develops a dry, skinned-over appearance — within 5 to 10 minutes, depending upon the temperature, humidity and absorption rate of the tile; therefore, grout small areas of between 30 to 40 sq. ft. (2.79 to 3.72 m²) at a time.

CLEANUP

1. Move a moderately damp grout sponge across the tile surface in a circular motion to loosen grout and to shape the joints. Drag a clean and moderately damp sponge diagonally across the tile joints, applying slight pressure. Use one side of the sponge for each pass over the tile, rinsing the sponge after the second pass. Note: Under certain conditions, a milky film can appear on the grout surface. This film will dissipate in 20 to 30 minutes after the washing step is completed.
2. Change the water bucket frequently to prevent the development of a haze on the tile surface.
3. Because *NA 4600 Ever Color PQ* leaves little residue on the tiles, a final wash may not be required after the initial wash. If residue is observed on the tile surface, a final wash can be performed about 1 hour after the initial wash. If needed in the cleaning process, add 1 U.S. oz. (30 mL) of a clear dishwashing soap to a pail containing 3 U.S. gals. (11.4 L) of clean water; then, use a clean, white, moistened scrub pad to loosen any remaining grout residue and a moistened sponge to remove the residue.
4. If joints are not fully flush, *NA 4600 Ever Color PQ* can be re-applied after 24 hours of drying by repeating steps 1 through 3. The product will bond to itself.
5. Clean tools and the surface with clean water while the product is fresh.

PROTECTION

- Light foot traffic is acceptable 24 hours after grouting. Normal foot traffic is acceptable after 48 hours. Commercial/heavy foot traffic is acceptable after 6 to 7 days. Protection and cure times will vary depending on ambient temperatures, substrate temperature and humidity.
- To develop stain resistance and for a full cure, allow 3 days before water exposure.
- Protect the product from freezing. However, if the product does freeze, allow the product to return to room temperature before use. *NA 4600 Ever Color PQ* was tested in the cured state and passed 25 cycles of freeze/thaw testing at 0°F (-18°C) for 16 hours and 8 hours at 74°F (23°C) per cycle.

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Product Characteristics at 73°F (23°C) and 50% relative humidity	
Color	16 popular colors available; grout cards available upon request
Packaging	1 U.S. gal. (3.79 L)
VOC content (SCAQMD Rule #1168)	< 65 g per L
Typical VOC content per SCAQMD Rule 1168 testing methods	44 g per L
Shelf life	18 months if unopened, or opened but with a closed lid
Full cure	3 days
Odor	Slight latex odor, with no ammonia smell
Light foot traffic	Permitted 24 hours after installation
Normal foot traffic	Permitted 48 hours after installation
Commercial/heavy foot traffic	Permitted 6 to 7 days after installation
Cleanup	With clean water while fresh

Chemical Resistance (ASTM C267)**	
Ammonia	Pass
Bleach	Pass
Potassium hydroxide 3%	Pass
Acetic acid 3%	Pass
Acetic acid 10%	Pass
Ammonium chloride	Pass
Citric acid 3%	Pass
Citric acid 10%	Pass
Lactic acid	Pass
Peanut oil	Pass
Olive oil	Pass
Phosphoric acid 3%	Pass
Phosphoric acid 10%	Pass
Sulfamic acid 3%	Pass
Sulfamic acid 10%	Pass
Hydrochloric acid 3%	Pass
Hydrochloric acid 10%	Pass
Sulfuric acid 3%	Pass

ANSI Specification		
Test Method	Specification Standard	Test Results
ANSI A118.19, Section 5.1 – indentation resistance (hardness)	≥ 1,000 psi (6.90 MPa) at 28 days dry ≥ 500 psi (3.45 MPa) at 7 days wet	Pass
ANSI A118.19, Section 5.2 – abrasion resistance	≤ 500 mm ³	Pass
ANSI A118.19, Section 5.3 – resistance to mold growth	ASTM G21 – no growth	Pass
ANSI A118.19, Section 5.4 – water cleanability	Visual assessment: Free of visible haze, lumps and dry material	Pass
ANSI A118.19, Section 6.5 – chemical resistance	No deterioration; Indentation resistance: ≥ 500 psi (3.45 MPa)	Pass
ANSI A118.3 – vertical sag in joints	No noticeable change in joint shape	Pass
ASTM C627 – Robinson floor test	Performance level* Extra Heavy: Cycles 1 through 14 Heavy: Cycles 1 through 12 Moderate: Cycles 1 through 10 Light: Cycles 1 through 6 Residential: Cycles 1 through 3	Moderate

** Testing conducted after 28-day full cure, with 24-hour full immersion.

* In accordance with the Performance-Level Requirement Guide of the TCNA Handbook for Ceramic, Glass, and Stone Tile Installation



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Approximate Coverage* per 1 U.S. gal. (3.79 L)				
Tile Size	Grout Joint Width			
	1/16" (1.5 mm)	1/8" (3 mm)	3/16" (4.5 mm)	1/4" (6 mm)
2" x 2" x 1/4" (50 x 50 x 6 mm)	103 sq. ft. (9.57 m ²)	50 sq. ft. (4.65 m ²)	33 sq. ft. (3.07 m ²)	24 sq. ft. (2.23 m ²)
4-1/4" x 4-1/4" x 1/4" (108 x 108 x 6 mm)	221 sq. ft. (20.5 m ²)	109 sq. ft. (10.1 m ²)	72 sq. ft. (6.69 m ²)	54 sq. ft. (5.02 m ²)
6" x 6" x 1/4" (152 x 152 x 6 mm)	313 sq. ft. (29.1 m ²)	155 sq. ft. (14.4 m ²)	103 sq. ft. (9.57 m ²)	77 sq. ft. (7.15 m ²)
6" x 24" x 3/8" (152 x 610 x 10 mm)	334 sq. ft. (31.0 m ²)	166 sq. ft. (15.4 m ²)	110 sq. ft. (10.2 m ²)	82 sq. ft. (7.62 m ²)
8" x 8" x 3/8" (203 x 203 x 10 mm)	278 sq. ft. (25.8 m ²)	138 sq. ft. (12.8 m ²)	91 sq. ft. (8.45 m ²)	68 sq. ft. (6.32 m ²)
12" x 24" x 3/8" (304 x 610 x 10 mm)	557 sq. ft. (51.7 m ²)	278 sq. ft. (25.8 m ²)	184 sq. ft. (17.1 m ²)	138 sq. ft. (12.8 m ²)

* Coverage shown is for estimating purposes only. Actual jobsite coverage may vary according to actual tile size and thickness, exact joint width, job conditions and grouting methods. Consult Technical Services to determine the amount of product needed for project criteria not shown.



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Refer to the Safety Data Sheet for specific data related to health and safety as well as product handling. For the most current product data and warranty information, visit www.na-adhesives.com.

For information on sustainability and transparency, as well as product certification programs, contact Technical Services at 1-800-637-7753.

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LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in effect at the time of the NAA product installation. For the most up-to-date TDS and warranty information, visit our Website at www.na-adhesives.com. **ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED NAA WARRANTIES.**

Before using, the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**