

NA 2300



North American ADHESIVES®



Premixed Stone and Tile Adhesive

GOOD	BETTER	BEST
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PRODUCT DESCRIPTION

A nonflammable, acrylic latex adhesive for indoor installation of tile and natural stone. NA 2300 is ready to use, easy to apply and low in odor, and has fast grab for holding small to medium tiles firmly in place on floors, walls and countertops.

USES

- For installing non-moisture-sensitive marble, granite and slate, and also for installing most ceramic, quarry and porcelain tiles
- For indoor, residential and commercial installations where service requirements do not exceed ANSI A136.1 industry standards
- For residential installations of floor and wall tile up to 16" x 16" (41 x 41 cm) and ceiling tile up to 6" x 6" (15 x 15 cm), in dry or intermittent wet conditions such as countertops, backsplashes, tub surrounds and shower walls
- For commercial installations of wall tile up to 16" x 16" (41 x 41 cm) and ceiling tile up to 6" x 6" (15 x 15 cm), in dry or limited water-exposure conditions

SUBSTRATE REQUIREMENTS

- Substrate must be in accordance with ANSI A108.01 current standards and recommendations.
- Substrate must be structurally sound, dry, and free of any substance or coatings that might weaken adhesive bond to substrate. Any foreign substance must be mechanically removed.

SUITABLE SUBSTRATES (properly prepared)

- Fully cured concrete (at least 28 days), properly primed
- Masonry block
- Cement mortars and leveling coats
- Cement backer units (see manufacturer's instructions for approval)
- Gypsum wallboard – indoor walls in dry areas only, properly primed
- APA or COFI Group 1 exterior-grade plywood (indoor residential floors and countertops in dry areas)

LIMITATIONS

- Do not use for outdoor applications, submerged conditions, steam showers or steam rooms, or where hydrostatic pressure exists.
- Do not apply over any substrates containing asbestos nor over waterproofing membranes; radiant- or thermal-heated subfloor systems; gypsum-based patching or leveling compounds; sheet vinyl; vinyl asbestos tile (VAT); vinyl composition tile (VCT); existing ceramic, porcelain or natural stone; self-stick tile; laminate surfaces; fiberglass surfaces; poured epoxy floors; hardwood flooring; presswood; particleboard; chipboard; oriented strand board (OSB); Masonite; Luan; gypsum floor-patching compounds; metal; or similar dimensionally unstable substrates.

TECHNICAL QUICK REFERENCE

Packaging	Pail: 1 U.S. gal. (3,79 L) Pail: 3.5 U.S. gals. (13,2 L)
Shelf life	2 years from date indicated on original, unopened pail

TYPICAL TROWELS AND APPROXIMATE COVERAGES* per 1 U.S. gal. (3,79 L)

Tile up to 4" x 4" (10 x 10 cm):

1/8" x 1/8" x 1/8" 50 to 70 sq. ft.
(3 x 3 x 3 mm) (4,65 to 6,50 m²)



Tile from 4" x 4" (10 x 10 cm) to 8" x 8" (20 x 20 cm):

1/4" x 1/4" x 1/4" 25 to 35 sq. ft.
(6 x 6 x 6 mm) (2,32 to 3,25 m²)



Tile from 8" x 8" (20 x 20 cm) to 16" x 16" (41 x 41 cm):

1/4" x 3/8" x 1/4" 20 to 25 sq. ft.
(6 x 10 x 6 mm) (1,86 to 2,32 m²)



* Coverage is dependent on the trowel size, substrate conditions and other factors.

HEALTH AND SAFETY

Consult the Material Safety Data Sheet (MSDS) for safe-handling instructions.

- Do not use for the installation of glass tiles; moisture-sensitive tile or stone such as Rosso Levanto, Negro Marquina or green marble tiles or their agglomerates; or other tiles with known dimensional instability when exposed to water-based setting materials.
- Do not use for setting bathroom fixtures or grab bars.
- Do not use as a grout.
- Do not use as a thick-bed mortar, concrete repair mortar concrete patching material or skimcoating compound; or use to level subfloors.
- Adhesive may remain pliable under large tile. Restrict heavy loads for 14 days.

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

SURFACE PREPARATION

1. Surfaces must be structurally sound, solid, well-fastened, dry, clean and free of dust, oil, grease, wax, curing agents, sealers, adhesive residue and any other substance that could weaken the adhesive's bond to the substrate. Painted surfaces must be sanded or scarified.
2. Prime gypsum drywall before application.
3. The supporting surface over which natural stone will be applied should have a deflection no greater than L/720 of the span when measured less than 300 lbs. (136 kg) of concentrated load (see ASTM C627).

MIXING

NA 2300 is ready to use. No mixing is required.

APPLICATION

1. Install only in temperatures between 50°F and 95°F (10°C and 35°C).
2. Select a typical notched trowel (see chart) with sufficient depth for at least 85% transfer of adhesive to the back of the tile. Trowel selection will vary depending on the tile size and thickness as well as the substrate profile.
3. Key adhesive into the substrate with the trowel's flat side.

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4. Apply additional adhesive and comb adhesive with notched side of trowel, in a single direction. Do not apply in a swirl pattern.
5. Spread only as much adhesive as can be tiled within 30 minutes. Any adhesive that has "skinned" over should be scraped off and replaced with fresh material.
6. Place tiles firmly into the fresh adhesive with a slight push/pull motion to ensure a positive bond.
7. Make alignments or adjustments immediately, within 30 minutes.

EXPANSION AND CONTROL JOINTS

Follow recommendation EJ171 by the Tile Council of North America (TCNA).

GROUTING

- Grouting is allowed after 24 hours for walls, and after 48 to 72 hours for floors.
- The absorption rate of the tile and substrate, as well as lower substrate temperature, will directly affect and slow the drying time for all adhesives.
- Larger tiles such as 16" x 16" (41 x 41 cm) will generally take longer to reach a firm set than a 6" x 6" (15 x 15 cm) tile.

CLEANING

Clean hands, surfaces and tools with fresh water while the product is wet. If it has dried, use mineral spirits.

PROTECTION

- Protect containers from freezing in transit and storage.
- Protect floors from foot traffic for at least 48 to 72 hours after grouting is complete.
- Restrict heavy loads on floors for 14 days.
- Walls should be protected from impact, vibrations and heavy hammering on adjacent and opposite walls for at least 14 days after installation.

IMPORTANT NOTICE

Before using, user shall determine the suitability of the product for its intended use and user alone assumes all risks and liability whatsoever in connection therewith. **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.**

For the most current product data, visit www.na-adhesives.com.



North American
ADHESIVES®

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