

NA 2000



North American
ADHESIVES®

Ready-to-Use, Economical Tile Adhesive



GOOD

BETTER

BEST

PRODUCT DESCRIPTION

A ready-to-use, nonflammable, high-viscosity, synthetic polymer emulsion-based adhesive with extended open time. *NA 2000* has nonslip attributes for vertical use and is easy to trowel on floors, walls and ceilings.

USES

- Use for indoor installations of mosaic, ceramic, quarry and porcelain tile.
- Install wall tiles up to 8" x 8" (20 x 20 cm).
- Install ceiling tiles up to 6" x 6" (15 x 15 cm).
- Install floor tiles up to 6" x 6" (15 x 15 cm) in dry areas only.
- Use for ceramic tile installations on floors (light-duty residential traffic only), walls and countertops.
- Use for shower, tub and bath surrounds where service requirements do not exceed those of ANSI A136.1, Type 1 standards.
- *NA 2000* is not recommended for the installation of Rosso Levanto, Negro Marquina, green marble, granite or their agglomerates, or other tiles with known dimensional instability when exposed to water-based setting materials.
- Use only when temperature will remain above 50° F (10° C) for at least 72 hours after installation.
- Use *NA 2000* in tile-over-tile applications according to TCNA method TR713-07, provided such surfaces are well-prepared and well-bonded to an approved nondeflecting substrate.

SUBSTRATE REQUIREMENTS

The surface area that will receive tile must be dry, clean and free of dust, oil, grease, tar, paint, wax, curing agents, primers, sealers, release agents and any deleterious substance, which may act as bond barriers. All supporting surfaces must be structurally sound.

SUITABLE SUBSTRATES (properly prepared)

- Walls, cementitious backer units (CBUs), water-resistant gypsum panels and gypsum wallboard
- Fully cured concrete and cement plaster (in dry areas only)
- Floors: Fully cured concrete (at least 28 days old), cementitious backer units, cementitious leveling compounds, cured cement mortar beds, exterior plywood (Group I CC-plugged or better conforming to APA classification and U.S. Product Standard PS 1-95) and similar performing underlayments

LIMITATIONS

Do not apply *NA 2000* over particleboard, chipboard, Masonite, Luan, gypsum floor-patching compounds or similar dimensionally unstable substrates.

TECHNICAL QUICK REFERENCE

Meets or exceeds ANSI A136.1, Type 1 standards

Product characteristics at 73°F (23°C) and 50% relative humidity

Open time	About 45 minutes
Initial cure	24 hours
Final cure	72 hours
Flammability	Nonflammable
Shear strength	Exceeds ANSI A136.1, Type 1
Slippage (sag)	None
Freeze/thaw-stable	To 0°F (-18°C)
Cleanup	Fresh with water; dry with mineral spirits
Color	White
Shelf life	2 years when stored in original sealed container in a dry area and at room temperature
Packaging	Pails: 1 U.S. gal. (946 mL) and 3.5 U.S. gals. (13,2 L)

TYPICAL TROWELS AND APPROXIMATE COVERAGES*

1 U.S. gal. (3,79 L)

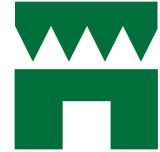
3/16" x 3/16"40 to 60 sq. ft.
(4,5 x 4,5 mm)(3,72 to 5,57 m²)

1/4" x 1/4" x 1/4"75 to 90 sq. ft.
(6 x 6 x 6 mm)(6,97 to 8,36 m²)

3.5 U.S. gals. (13,2 L)

3/16" x 3/16"175 to 200 sq. ft.
(4,5 x 4,5 mm)(16,3 to 18,6 m²)

1/4" x 1/4" x 1/4"100 to 135 sq. ft.
(6 x 6 x 6 mm)(9,29 to 12,5 m²)



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

HEALTH AND SAFETY

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

MIXING

NA 2000 is ready to use. No mixing is required.

APPLICATION

- Use a typical notched trowel (see "Typical Trowels and Approximate Coverages") with sufficient depth to ensure proper transfer, covering at least 85% of the tile back.
- Using the flat edge of the trowel, spread the adhesive on the substrate. Then, apply additional material and comb the surface using the trowel's notched side to achieve an even-setting bed. Do not spread more than can be covered with tiles within 30 to 45 minutes. If skinning occurs, scrape off and replace with fresh adhesive.
- Place tiles firmly in position on the fresh adhesive with a slight twisting motion to ensure a positive bond.
- Make all alignments and adjustments immediately (do not exceed 50 minutes).
- Clean smudges from the face of the tiles promptly with water while adhesive is still fresh. Once adhesive has dried, use mineral spirits. Wash hands and tools with water while adhesive is still fresh.

NA 2000

EXPANSION AND CONTROL JOINTS

- Provide for expansion and control joints where specified. Refer to the most current TCNA Handbook for Ceramic Tile Installation, Detail EJ-171.
- Do not cover any substrate expansion joint or control joints with adhesive or tiles.
- When necessary, cut tiles along both edges of the expansion joints. Do not allow tile and adhesive to overlap the joints. Protect tilework with metal strips (edge metal) along both edges of structural building expansion joints. Install the specified compressible bead and sealant into all expansion and control joints.

GROUTING

Allow tiles to reach a firm set, and then grout with the appropriate North American Adhesives grout.

PROTECTION

- Protect containers from freezing in transit and storage. This product is freeze/thaw-stable at temperatures down to 0°F (-18°C). If adhesive is frozen, do not stir it until it has completely thawed. Provide for heated storage on site and deliver materials at least 24 hours before tilework begins. Protect from impact, vibration and hammering on adjacent and opposite walls for at least 14 days after installation.
- Floors: Keep free from general traffic for at least 72 hours after installation. Plywood or stepping boards may be used after 24 hours when occasional stepping on the floor is unavoidable.
- Walls: Protect from impact, vibration and hammering on adjacent and opposite walls for at least 14 days after installation. Protect from water exposure for at least 72 hours after grouting.

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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