

NA 2500



North American
ADHESIVES®

**Premixed,
Ready-to-Use
Thin-Set**



GOOD	BETTER	BEST
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PRODUCT DESCRIPTION

A no-mess alternative to traditional thin-set mortars that require water and mixing. NA 2500 is nonflammable and ready-mixed.

USES

- For indoor-only installations of most ceramic, quarry and porcelain tile in light-duty residential applications, such as walls, countertops and floors

SUBSTRATE REQUIREMENTS

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 or any other deleterious substance that may act as a bond barrier. All supporting surfaces must be structurally sound.

SUITABLE SUBSTRATES (Properly prepared)

- Fully cured concrete
- Masonry block
- Cement mortars and leveling coats
- Cementitious backer units (CBUs)
- Gypsum wallboard
- 2 layers (at least 1-1/4" [3,2 cm] in thickness) APA or COFI Group 1 exterior-grade plywood, CC quality or better

LIMITATIONS

- Not to be used or applied over presswood, particleboard, chipboard, Masonite, gypsum patching compounds, metal or similar dimensionally unstable material
- Recommended for indoor use only. NA 2500 is not designed for shower floors or underwater areas; rather, use it in intermittent wet conditions such as backsplashes, countertops and shower walls.
- Do not use to set natural stones.
- Room temperature should be between 60°F and 90°F (16°C and 32°C).
- This product is only for setting, not grouting.
- Drying times will vary depending on the tile size, tile/substrate porosity and the humidity. As many as 5 days of drying may be required before grouting.
- This product should not be used with tiles larger than 12" x 12" (30 x 30 cm).

SURFACE PREPARATION

The surface must be structurally sound, solid, well-fastened, dry, clean, and free of dust, grease, oil, tar, paint, wax sealer, form release agent, primer, and all other substances that may reduce or prevent adhesion. Painted surfaces must be completely sanded and scarified. The substrate should be solid and achieve a deflection rating no greater than L/360.

TECHNICAL QUICK REFERENCE

TYPICAL TROWELS AND APPROXIMATE COVERAGES*

Typically for tile up to 8" x 8" (20 x 20 cm)

3/16" x 3/16"	24 to 28 sq. ft.	
(4,5 x 4,5 mm)	(2,23 to 2,60 m²)	

Typically for tile 8" x 8" (20 x 20 cm) up to 12" x 12" (30 x 30 cm)

1/2" x 1/2" x 1/2"	24 to 28 sq. ft.	
(12 x 12 x 12 mm)	(2,23 to 2,60 m²)	

* Coverages shown are for estimating purposes only. Actual job-site coverages may vary according to substrate conditions, type of equipment and application methods used.

HEALTH AND SAFETY

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

MIXING

NA 2500 is ready to use. No mixing is required.

APPLICATION

- Use a typical notched trowel with sufficient depth to achieve at least 90% transfer to the back of the tile. To help ensure proper coverage, "back-butter" the tile by using a margin trowel or a putty knife to spread the adhesive onto the back of the tile.
- Key mortar into the substrate with the trowel's flat side to allow sufficient contact to the substrate pores. Trowel the mortar in one direction; do not trowel NA 2500 with a "swirl" pattern or technique.
- Spread only as much mortar as can be covered within 20 to 30 minutes. If any mortar has "skinned" over, it should be scraped up and replaced with fresh product.
- Place tile firmly into position over the wet mortar, moving it in a lateral motion adjacent to the ridges so it will completely shear the mortar ridges and give positive transfer to the tile.

GROUTING

Let the mortar dry completely before grouting. Note: Higher absorption rates of the tile and substrate, as well as a lower substrate temperature, will directly affect and slow down the drying time for all adhesives.

- Walls: Grouting may be performed the day following installation.
- Floors: Grouting may generally be performed after 24 to 48 hours, depending on the tiles used.

CLEANING

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

PROTECTION

- 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.
- Note: Installing large tiles will extend the drying time as will cold temperatures and high humidity. Do not grout or allow traffic until tiles are securely bonded.

NA 2500

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.



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