



North American
ADHESIVES®

NA 501

Floor Patch Additive

Latex Liquid for NA 500 Floor Patch



PRODUCT DESCRIPTION

NA 501 Floor Patch Additive is an acrylic latex additive for use with NA 500 Floor Patch to improve adhesion and flexibility. When NA 500 is mixed with NA 501, the floor patch system can be used as an embossing leveler or to encapsulate cutback adhesive residue. NA 501 also increases the working time of NA 500.

USES

- Interior residential (apartments, condominiums and homes)
- Interior commercial (office buildings, hotel rooms/hallways, restaurants and cafeterias)
- Interior heavy commercial (hotel lobbies, convention centers, airports, shopping malls, grocery stores and department stores)
- Interior institutional (hospitals, schools, universities, libraries and government buildings)
- Mix NA 500 with NA 501 to use as an embossing leveler or as a patch to fill voids over properly prepared existing cement terrazzo, ceramic tile, vinyl composition tile (VCT), or non-cushioned, fully adhered residential sheet vinyl flooring, cutback and carpet adhesive residues.

SUBSTRATE REQUIREMENTS

- All substrates must be structurally sound, dry, solid and stable.
- Substrate should be clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loosely bonded toppings, loose particles, epoxy adhesives, urethane adhesives, and any other substance or condition that may prevent or reduce adhesion.
- Concrete must be free of any negative hydrostatic pressure and/or excessive moisture.
- Refer to the "Surface Preparation Requirements" document for floor-covering installation systems at www.na-adhesives.com.

IRC [International Residential Code] for residential applications, the IBC [International Building Code] for commercial applications, or applicable building codes.

Note: The owner should communicate in writing to the project design professional and general contractor the "intended use" of the tile installation, in order to enable the project design professional and general contractor to make necessary allowances for the expected live load, concentrated loads, impact loads, and dead loads including the weight of the tile and setting bed. The tile installer shall not be responsible for any floor framing or subfloor installation not compliant with applicable building codes, unless the tile installer or tile contractor designs and installs the floor framing or subfloor.

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

LIMITATIONS

- Do not install over substrates containing asbestos.
- Do not use as a final wear surface.
- Use only when the substrate and ambient temperatures are between 50°F and 100°F (10°C and 38°C).
- For interior installations only
- Do not apply over self-stick tile, presswood, particleboard, flakeboard or similar types of dimensionally unstable substrates.
- Do not install when the moisture vapor emission rate (MVER) exceeds 8 lbs. per 1,000 sq. ft. (3,63 kg per 92,9 m²) per 24 hours, when using the anhydrous calcium chloride test (ASTM F1869). Do not exceed the flooring manufacturer's recommendations for MVER. When MVER is above 5 lbs. per 1,000 sq. ft. (2,27 kg per 92,9 m²) per 24 hours, NA 501 is recommended for optimum performance.
- Do not install when the relative humidity (RH) exceeds 85%, when using the in-situ probe method (ASTM F2170). Do not exceed the flooring manufacturer's recommendations for RH.
- Do not use to fill existing expansion control joints.

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

Floor systems, including the framing system and subfloor panels, over which tile will be installed should be in conformance with the

NA 501 Floor Patch Additive

SUITABLE SUBSTRATES (properly prepared)

When mixing NA 500 with diluted NA 501

- Concrete
- APA or CANPLY Group 1 exterior-glue plywood
- Other approved wood underlayments (per flooring manufacturer's recommendations)

When mixing NA 500 with full-strength NA 501

- Properly prepared cutback and carpet adhesive residue
- Existing, properly prepared cement terrazzo
- Existing, properly prepared and fully bonded ceramic tile
- A single layer of properly prepared, fully bonded VCT
- A single layer of properly prepared, fully bonded felt-backed sheet vinyl

MIXING

Consult the Safety Data Sheet for safe-handling instructions. Due to the short pot life of NA 500, it is not recommended to mix an entire bag of NA 500 at one time.

Mixing ratios for NA 501

Diluted (1 part NA 501 to 3 parts water)

Package size.....1 U.S. gal. (3,79 L)
Water to add.....3 U.S. gals. (11,4 L)
Total quantity of liquid made.....4 U.S. gals. (15,1 L)

Full-strength

Package size.....1 U.S. gal. (3,79 L)
Water to add.....None
Total quantity of liquid made.....1 U.S. gal. (3,79 L)

APPLICATION

See the NA 500 Technical Data Sheet for complete application instructions.

Product Characteristics	
Packaging Jug: 1 U.S. gal. (3,79 L)	Product code #050101000
Pot life	40 to 50 minutes
Shelf life	2 years when stored in original container at between 50°F to 100°F (10°C to 38°C)
Color	Milky white
VOCs (Rule #1168 of California's SCAQMD)	53 g per L
Protection	Protect from freezing. If freezing does occur, allow adhesive to completely thaw and then stir.

Industry Standards and Approvals	
LEED v3 Points Contribution	LEED Points
MR Credit 5, Regional Materials*	Up to 2 points
IEQ Credit 4.1, Low-Emitting Materials – Adhesives & Sealants	1 point

* Using this product may contribute to LEED certification of projects in the categories shown above. Points are awarded based on contributions of all project materials.



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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.



Statement of Responsibility

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.**

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