

NA 1510

Membrane Primer

Roller-Applied Crack-Isolation Membrane Primer



North American
ADHESIVES®



PRODUCT DESCRIPTION

NA 1510 Membrane Primer is a water-based, acrylic membrane primer designed for priming properly prepared substrates before installing peel-and-stick membranes. Applied by roller or brush, a coat of NA 1510 is ready for NA 1550 Crack-Isolation Membrane after about 15 minutes of drying time.

USES

Application of NA 1510 to floors is required before installation of NA 1550 peel-and-stick sheet membrane.

SUBSTRATE REQUIREMENTS

- All suitable substrates must be smooth, structurally sound and free of any substance that could prevent adhesion. All patching should be done before applying NA 1510. Do not use chemical means (acid etching or stripping) to prepare approved substrates; use mechanical methods only.
- To remove any bond-inhibiting materials, concrete substrates should be mechanically cleaned and prepared by diamond-cup grinding or other engineer-approved methods to obtain the International Concrete Repair Institute (ICRI) concrete surface profile (CSP) of #2. When concrete requires more mechanical preparation, the profile will typically increase. In such cases, the surface can be made smooth by applying coats of a suitable patching material.
- For other important surface preparation instructions, see individual Technical Data Sheets (TDSs) for North American Adhesives (NAA) peel-and-stick sheet membranes. For other details, see NAA's "Surface Preparation Requirements" document for tile and stone installation systems at www.na-adhesives.com or contact Technical Services.

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

SUITABLE SUBSTRATES (properly prepared)

- Fully cured concrete (at least 28 days old)
- Cement mortar beds and indoor leveling coats
- Cement backer units (CBUs) – see manufacturer's installation guidelines
- Well-bonded cement terrazzo floors, ceramic tile, natural stone, vinyl composition tile (VCT) and laminate countertops

- Exterior-grade plywood for interior residential floors and countertops in dry areas only
- For other suitable substrates, see individual TDSs for NAA peel-and-stick sheet membranes.

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

HEALTH AND SAFETY

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

LIMITATIONS

- Do not apply to substrates containing asbestos.
- Do not dilute with any other liquid.
- For specific limitations, see individual TDSs for NAA peel-and-stick sheet membranes.
- NA 1510 is not for use over substrates subject to hydrostatic pressure or moisture content in excess of 3 lbs. per 1,000 sq. ft. (1,36 kg per 92,9 m²) per 24 hours using a calcium chloride test kit; over cracks subject to "out-of-plane" vertical movement; where floor movement is greater than 3/8" (10 mm); over expansion or control joints; or in areas of prolonged water immersion (such as swimming pools, spas, steam rooms, gang showers, hot tubs and fountains).

MIXING

- NA 1510 is ready to use. No mixing required.

APPLICATION

1. Apply primer between temperatures of 40°F to 95°F (4°C to 35°C) to a clean substrate with a roller or brush to achieve full substrate coverage.
2. Let dry for about 10 to 15 minutes (or until tacky) before installing the membrane.

For complete instructions, see TDSs for NAA peel-and-stick membranes.

Membrane Primer

CLEANUP

- Use water to remove fresh *NA 1510* from tools, equipment and other nonporous surfaces. Remove dried *NA 1510* with mineral spirits.

MOVEMENT JOINTS

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

PROTECTION

- Do not allow *NA 1510* to freeze.
- Do not store *NA 1510* in direct sunlight.
- Protect *NA 1510* from spills, contamination and damage before and during peel-and-stick membrane application to ensure a positive bond with membrane.

Technical Quick Reference	
Product Characteristics at 73°F (23°C) and 50% relative humidity	
Color	White (dries clear)
Shelf life	1 year (when stored in original, unopened container) between 40°F and 95°F (4°C to 35°C)
Storage	Store in cool, dry place.
Application temperature range	40°F and 95°F (4°C to 35°C)
VOCs (Rule #1168 of California’s SCAQMD)	59 g per L
Drying time before installing <i>NA 1550</i>	15 to 30 minutes (or until primer is clear and tacky) depending on temperature, humidity and substrate porosity
Flammability	Nonflammable
Packaging	Product code #151001000
Jug: 1 U.S. gal. (3,79 L) – 4 jugs per case – at 9 lbs. (4,08 kg)	
Pail: 5 U.S. gals. (18,9 L) at 45 lbs. (20,4 kg)	Product code #151005000

Industry Standards and Approvals	
LEED Points Contribution	LEED Points
MR Credit 5, Regional Materials*	Up to 2 points
IEQ Credit 4.2, Low-Emitting Materials – Paints & Coatings	1 point
IEQ Credit 4.3, Low-Emitting Materials – Flooring Systems	1 point

** Using this product may help 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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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.**