



North American
ADHESIVES®

NA 1510

Membrane Primer

Roller-Applied Crack-Isolation Membrane Primer



PRODUCT DESCRIPTION

NA 1510 Membrane Primer is a ready-to-use, fast-drying, water-based latex primer for use under *NA 1550 Crack-Isolation Membrane* on indoor and outdoor floors for residential and commercial applications. *NA 1510 Membrane Primer* greatly increases the bond of *NA 1550 Crack-Isolation Membrane* to concrete, plywood and other approved and properly prepared floors. It can be applied with a roller or brush, is white in color and dries clear.

FEATURES AND BENEFITS

- Bond promoter for *NA 1550 Crack-Isolation Membrane*
- Easy to apply with roller or brush
- High coverage rate, for economical installation
- Fast-drying; ready for membrane installation after about 10 to 15 minutes
- Dries clear, so that layout lines remain visible after application
- Bonds to a variety of substrates

USES

- *NA 1510 Membrane Primer* is required when installing *NA 1550 Crack-Isolation Membrane*.

SUBSTRATE REQUIREMENTS

- All suitable substrates must be smooth, structurally sound, stable, dry, clean and free of any substance that may reduce or prevent proper adhesion.
- All patching should be done before applying *NA 1510 Membrane Primer*.
- 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.
- For additional important surface preparation instructions, see the *NA 1550 Crack-Isolation Membrane* Technical Data Sheet (TDS).

SUITABLE SUBSTRATES

- Concrete (cured at least 28 days)
- Cement mortar beds and leveling coats
- Cement backer units (CBUs) – see manufacturer's installation guidelines
- Properly prepared terrazzo floors, well-bonded ceramic tile and natural stone, and vinyl composition tile (VCT)
- APA Group 1 and CANPLY 0121 exterior-grade plywood (interior, residential and light commercial floors and countertops in dry conditions only). See the TCNA Handbook for additional information and the statement regarding deflection criteria.
- For additional suitable substrates, see the *NA 1550 Crack-Isolation Membrane* TDS.

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

LIMITATIONS

- Do not apply to substrates containing asbestos.
- *NA 1510 Membrane Primer* is not for use over substrates subject to hydrostatic pressure or moisture content in excess of 5 lbs. per 1,000 sq. ft. (2.27 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).
- For additional specific limitations, see the *NA 1550 Crack-Isolation Membrane* TDS.

MIXING

Consult the Safety Data Sheet for safe-handling instructions.

- *NA 1510 Membrane Primer* is ready to use. No mixing is required.

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APPLICATION

- For complete instructions, also see the *NA 1550 Crack-Isolation Membrane* TDS.
- When substrate and ambient temperatures are between 40°F and 95°F (4°C and 35°C), apply primer to the clean substrate with a roller or brush to achieve full substrate coverage. Do not dilute the primer.
- Let dry about 10 to 15 minutes (or until clear and tacky) before installing *NA 1550 Crack-Isolation Membrane*.

EXPANSION AND CONTROL JOINTS

- Do not cover any substrate expansion joint or control joints with mortar or tiles. Provide for expansion and control joints as specified per TCNA Method EJ171 or TTMAC Specification Guide 09 30 00 Detail 301MJ.
- 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

CLEANUP

- To remove excess *NA 1510 Membrane Primer* from tools, equipment or other nonporous surfaces, use water while the material is still fresh or mineral spirits once it has dried.

PROTECTION

- Do not allow *NA 1510 Membrane Primer* to freeze in the pail.
- Do not store *NA 1510 Membrane Primer* in direct sunlight.
- Protect *NA 1510 Membrane Primer* from spills, contamination and damage before and during application of *NA 1550 Crack-Isolation Membrane* to ensure a positive bond.

U.S. and Puerto Rico

Canada

Product Characteristics	
Color	White (dries clear)
Packaging	Jug: 1 U.S. gal. (3.79 L) – 4 units per case Pail: 5 U.S. gals. (18.9 L)
VOC content (SCAQMD Rule 1113)	< 100 g per L
Typical VOC content per SCAQMD Rule 1113 testing methods	66 g per L
Shelf life	1 year when stored in original, unopened container at 73°F (23°C)
Storage	Store in a cool, dry place.
Application temperature range	See the <i>NA 1550 Crack-Isolation Membrane</i> TDS.
Drying time before installing <i>NA 1550 Crack-Isolation Membrane</i>	10 to 15 minutes (or until clear and tacky), depending on temperature, humidity and substrate porosity
Flammability	Nonflammable

Approximate Coverage*	
1 U.S. gal. (3.79 L)	300 to 350 sq. ft. (27.9 to 32.5 m ²)
5 U.S. gals. (18.9 L)	1,500 to 1,750 sq. ft. (139 to 163 m ²)

* Coverage shown is for estimating purposes only. Actual jobsite coverage may vary according to application method, substrate, substrate conditions and actual thickness applied.

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in effect at the time of the NAA product installation. For the most up-to-date TDS and warranty information, visit our Website at na-adhesives.com. **ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED NAA WARRANTIES.**

Before using, the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability. **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.**