



North American
ADHESIVES®

NA 240

Primer Grip™

Multi-Surface Primer for Tile, Stone and Self-Leveling Underlayment Installation



PRODUCT DESCRIPTION

NA 240 Primer Grip is a ready-to-use, high-performance, textured, synthetic-resin-based primer designed to enhance the performance and adhesion of mortars to existing ceramics and difficult-to-bond substrates. *NA 240 Primer Grip* can be used as a primer and bonding agent for self-leveling underlayments. *NA 240 Primer Grip* is suitable for a wide variety of substrates and combines excellent versatility with an easy, low-odor application. It also saves time and money by not having to tear out or scarify existing surfaces.

USES

- To enhance the bond of polymer-modified mortars or self-leveling underlayments over approved substrates
- To enhance the bond of render coats over concrete, brickwork and concrete block

SUBSTRATE REQUIREMENTS

- All substrates must be structurally sound, dry, solid and stable. The substrate should be clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loosely bonded toppings, loose particles, old adhesive residues, and any other substance or condition that may prevent or reduce adhesion. Repair cracks in the substrate before proceeding. Expansion and movement joints must be honored through the finished flooring system. Do not acid-etch surfaces before applying *NA 240 Primer Grip*.

See North American Adhesives' (NAA's) "Surface Preparation for Tile and Stone Installations" document in the Document Library section at www.na-adhesives.com.

SUITABLE SUBSTRATES

- Properly prepared, sound, stable and nonabsorbent substrates, including ceramic tile, natural stone floors, cement terrazzo, vinyl composition tile (VCT), well-bonded old cutback adhesive, floor-covering adhesive and polyurethane adhesive residue, plywood subfloors, smooth nonabsorbent concrete, absorbent concrete, steel-troweled concrete, concrete with

up to 20% fly ash, dry shake hardener, radiant-heated floors, gypsum substrates, gypsum-based SLUs and plastic laminate countertops.

- Use before the application of render coats over concrete, brickwork and concrete block substrates.
- Use over epoxy flooring to install carpet followed by a minimum 1/16" (1.5-mm) layer of cement-based skimcoat or leveling compound above the highest point of the texture. Then apply NAA's *Carpet Lock™ Plus* or *Multi Lock™ Pro* to bond carpet.
- Stone tile coated with a backing of epoxy resin, of epoxy resin with fiber reinforcement or of epoxy resin with an aggregate broadcast can be primed with *NA 240 Primer Grip* for interior residential to light commercial and exterior residential applications. After the bond-promoting primer is allowed to dry, NAA polymer-modified mortars meeting specifications referred to in the "Installing Follow-up Materials" section of this Technical Data Sheet are approved for use to install this type of stone.

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

LIMITATIONS

- *NA 240 Primer Grip* is for use in interior residential and commercial as well as exterior residential Environmental Classifications, including Res 1, 2, 3 and 6 and Com 1, 2 and 3 as outlined in the TCNA Handbook.
- Do not apply on wet substrates.
- Substrate and ambient temperatures must be between 50°F and 95°F (10°C and 35°C).
- Concrete must be fully cured and free of any hydrostatic and/or moisture problems.
- Test the concrete substrate using a calcium chloride test (ASTM F1869) to ensure that the moisture vapor emission rate (MVER) is below 5 lbs. per 1,000 sq. ft. (2.27 kg per 92.9 m²) per 24 hours.

NA 240

Primer Grip™

- Concrete slabs with excess moisture (based on the requirements of the final floor finish) should be treated with a moisture-reduction barrier.
- Do not dilute.
- Do not install over any substrates containing asbestos.
- The surface temperature of the prepared substrate must be at least 5 degrees Fahrenheit (2.8 degrees Celsius) above the dew point to avoid condensation on the surface.
- When *NA 240 Primer Grip* and crack-isolation or waterproofing membranes are used in conjunction with SLUs, *NA 240 Primer Grip* should first be applied to the substrate; this should be followed by the leveler being applied over *NA 240 Primer Grip*, and then the crack-isolation or waterproofing membrane being applied over the leveler.
- When *NA 240 Primer Grip* is used for substrate preparation before application of waterproofing or crack-isolation membranes, the textured surface of *NA 240 Primer Grip* must be smoothed first by applying an approved patching material before rolling on liquid-applied membranes or primers for sheet membranes. Because of the coarse surface of *NA 240 Primer Grip*, if liquid membranes are installed directly over the resulting aggregate surface, an extremely heavy coating of the membranes would be required to completely encapsulate the aggregate and deliver the specified mil thickness detailed for product performance. Peel-and-stick membranes need the smoothed surface to achieve the required level of adhesion for proper bonding.
- Do not use for installations subject to water immersion, such as pools and spas.
- *NA 240 Primer Grip* is not recommended for exterior facades, installations subjected to commercial traffic or severe freeze/thaw conditions; instead, epoxy setting systems are required for such applications.

MIXING

Before product use, take appropriate safety precautions. Consult the Safety Data Sheet for safe-handling instructions.

- Before use, slightly stir to ensure that settling has not occurred during shipment or storage. *NA 240 Primer Grip* is ready to use; no dilution is required.

APPLICATION

1. Apply the product with a 3/8" (10-mm) nap roller or brush. Ensure that the surface receives a complete, thin film of the product. If proper coverage has not been achieved or the original surface is showing through, a second coat can be applied 2 to 3 hours after the original application.

2. A polymer-modified mortar, render coat or self-leveling underlayment (SLU) may typically be applied within 2 to 5 hours after *NA 240 Primer Grip* dries. The maximum waiting time until installation of the mortar, render coat or SLU is 24 hours; if more than 24 hours passes before installation, apply a second, undiluted coat of *NA 240 Primer Grip* and then install the mortar, render coat or SLU within the correct application window.

CLEANUP

- Clean equipment immediately. While *NA 240 Primer Grip* is still fresh, it may be removed easily from floors, walls and tools with water. Mineral spirits may be used to remove primer that has dried on tools.

INSTALLING FOLLOW-UP MATERIALS

The following setting, self-leveling, membrane and patching materials may be applied after the application of *NA 240 Primer Grip*.

Tile- and stone-setting materials

- NAA polymer-modified mortars classified as ISO 13007 C2P1 and meeting ANSI A118.11 standards or higher
- Epoxy mortars classified as ISO 13007 R1 or R2 and meeting ANSI A118.3 standards

Patching materials

- *NA 500 Floor Patch* with *NA 501 Floor Patch Additive*
- *NA 600 Multi Patch™*
- *NA 655 Premium Skimcoat*

Self-leveling materials

- *NA 400 Self-Leveler*
- *NA 420 LP Leveler*
- *NA 450 LP Leveler Rapid*

Waterproofing and crack-isolation membranes

- *NA 1550 Crack-Isolation Membrane*
- *NA 1640 Crack Isolator™*
- *NA 1740 Waterproof Coating*

NA 240

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Approximate Coverage*	
Size	Coverage
Per 1 U.S. gal. (3.79 L)	150 to 300 sq. ft. (13.9 to 27.9 m ²)
Per 3.5 U.S. gals. (13.2 L)	525 to 1,050 sq. ft. (48.8 to 97.5 m ²)

* Coverage shown is for estimating purposes only. Actual jobsite coverage may vary according to substrate conditions, concrete profile and porosity, type of equipment used, thickness applied, handling and application procedures.

Product Characteristics at 73°F (23°C) and 50% relative humidity	
Packaging	Pail: 1 U.S. gal. (3.79 L) Pail: 3.5 U.S. gals. (13.2 L)
Polymer type	Acrylic
VOC content (SCAQMD Rule 1113)	< 100 g per L
Typical VOC content per SCAQMD Rule 1113 testing methods	11 g per L
pH	8 to 9
Viscosity	2,000 to 3,000 cps
Density	93.6 lbs. per cu. ft. (1.50 g per cm ³)
Consistency	Pourable liquid
Color	Gray
Application temperature range	50°F to 95°F (10°C to 35°C)
Shelf life	2 years in original container. Protect from freezing during transport and storage.
Flash point (Seta)	> 212°F (100°C)
Window for application of polymer-modified mortar, render coat or SLU	2 to 3 hours of drying time (up to 24 hours) from application over porous substrates (concrete and wood); 2 to 5 hours of drying time (up to 24 hours) from application over nonporous substrates (ceramic and VCT). Drying time will vary depending on porosity of surface, temperature and humidity.



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Printed in the USA.

Edition Date: September 23, 2024

Canada

1-844-410-1212

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.

For information on sustainability and transparency, as well as product certification programs,
contact Technical Services at 1-800-637-7753.

MKT: 24-2474

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 www.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.**