

# NA 200



**North American**  
**ADHESIVES®**

## Acrylic Primer for Self-Levelers



### PRODUCT DESCRIPTION

A solvent-free acrylic primer concentrate for North American Adhesives' self-leveling underlayments and toppings

### FEATURES

- Solvent-free, water-based formula
- Reduces the porosity of substrates to eliminate pinholing
- Significantly enhances bond line strength of NAA underlayments

### USES

- For interior use only
- For use on absorbent concrete surfaces
- Apply when the substrate temperature is between 50°F and 95°F (10°C and 35°C).
- Can be used over plywood with appropriate preparations
- Can be used over gypsum underlayment as a film-forming product as an alternative to an overspray
- Do not use over presswood, particleboard, chipboard, Masonite, Luan, metal or similar dimensionally unstable material.

### SUBSTRATE REQUIREMENTS

All surfaces must be structurally sound and clean of all substances that can impair the bond to the substrate. These include, but are not limited to, concrete sealers, curing agents, existing adhesive, dirt, wax, tar, paint and loose toppings. If the surfaces contain these substances, they must be mechanically removed.

### SUITABLE SUBSTRATES (properly prepared)

- Fully cured concrete (at least 28 days old)
- Cement backer units (CBUs)
- Group 1 exterior-grade plywood (CSA 0121)
- Concrete mortars and leveling coats

### TECHNICAL INFORMATION

**Over concrete:** Concrete substrates should be prepared to a CSP #3 profile and should demonstrate suitable porosity for primer penetration.

Consult the floor-covering or coating manufacturer's recommendations regarding the maximum allowable moisture vapor emission rate (MVER) and retained moisture content in the substrate. Do not install on substrates with an MVER exceeding 5 lbs. per 1,000 sq. ft. (2,27 kg per 92,9 m<sup>2</sup>) per 24 hours using a calcium chloride test (reference ASTM F1869).

**Over plywood:** NA 200 can be used over plywood subfloors (exterior-grade plywood typically 11/16" to 3/4" [17 to 19 mm] thick), meeting a minimum deflection criteria of L/360 (live and dead loads considered). All such installations must be reinforced with well-secured diamond mesh to ensure mechanical bond (first apply primer, attach diamond mesh and then pour self-leveling underlayment).

Note: In applications over wood, the user can expect hairline cracking on wood joints.

### TECHNICAL QUICK REFERENCE

**Product characteristics** based on 73°F (23°C) and 50% humidity

Required time between primer applications	30 minutes after primer turns transparent, or after 3 hours
After priming, time window for applying self-leveler	Between 3 and 18 hours
Cleanup	Clean with water while fresh

### APPROXIMATE COVERAGE\* based on 1 U.S. gal. (3,79 L)

1 part of NA 200 diluted with 3 parts of potable water covers 600 to 800 sq. ft. (55,7 to 74,3 m<sup>2</sup>) for one application. Most absorptive substrates require two applications.

\* Coverage shown is for estimating purposes only. Actual coverages may vary according to substrate condition, thickness variations and application practices.

### HEALTH AND SAFETY

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

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

### APPLICATION

1. Before installation, close all doors, windows and ventilations systems to prevent drafts from blowing on the fresh material. Also protect material from direct sunlight. Substrate and room temperatures should be between 50°F to 95°F (10°C and 35°C).
2. Dilute NA 200 primer with water at a ratio of 1:3. Apply with a stiff broom or brush, using pressure to work primer into the concrete surface. Do not use a paint or sponge roller to apply NA 200. If porosity is excessive and the primer dries quickly, treat the substrate with additional primer applications of a diluted mix of 1 part primer per 3 parts water. In some applications, NA 200 may need to be diluted with more water (such as at a ratio of 1:4 or 1:6) to penetrate substrate more effectively. Always dilute at a ratio of at least 1:3 and apply multiple coats to address porous substrates. This is preferred to avoid a buildup of heavy film on the substrate.
3. Allow NA 200 to dry for at least 3 hours between applications. Alternatively, allow the primer to become transparent, and then wait an additional 30 minutes. The self-leveler can then be applied.  
Note: The primer's drying time is critical to allow the primer to develop sufficient cohesive strength before the self-leveler is poured.
4. When using NA 200, do not allow more than 18 hours of drying time (68°F [20°C] and 50% relative humidity) before application of an NAA self-leveling underlayment.
5. If the primer has lost its tack due to more than 18 hours of drying, or due to high heat or humidity, do not apply a self-leveler. First, remove and re-prime the substrate.

### PROTECTION

1. Protect the primer from freezing while in transport.
2. Provide for dry, heated storage on site and deliver materials at least 24 hours before application begins.
3. Protect the primed surface from contamination and water intrusion that may affect the underlayment's bond.

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## 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](http://www.na-adhesives.com).



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