



# NS97 Primer

Exterior Primer

## PRODUCT DATA SHEET

### PRODUCT OVERVIEW

NAC primers are necessary components of NAC sheet membrane systems. Although NAC sheet membranes are peel and stick, the use of an NAC primer with the sheet membrane installation is required in order to get a permanent bond between the membrane and the substrate.

The use of an NAC primer is also necessary to meet the minimum ANSI Specification for shear strength of greater than 50 psi as mandated by A118.10 for waterproof membranes, A118.12 for crack isolation membranes and A118.13 for sound control membranes.

### SUITABLE SUBSTRATES

**Concrete:** Poured, pre-stressed and pre-cast concrete. Concrete backerboard, mud beds, gypsum, lightweight concrete and patching compounds.

**Wood:** Plywood, APA-rated sheathing, hardwood, tongue and groove and OSB with standard face.

**Other Substrates:** Ceramic and porcelain tile, stone, terrazzo, VCT/VAT, metal, radiant-heated, painted and sealed floors.

- For absorptive surfaces, apply Moisture Lock 101<sup>®</sup> in accordance with manufacturer's instructions. Let cure 24 hours before applying primer.
- A cementitious scratch coat must be applied to concrete block and cured before priming.
- Substrates must be dry, and clean of wax, petroleum sealers, dirt, grease, oil or other bond breakers.
- Some concrete boards are not suitable for the application of NAC Membrane Systems. Check with manufacturer.
- A bond test is required before applying tile to painted or treated surfaces.

See current TCNA handbook for additional guidelines.

### NS97 Primer

NS97 is a non-flammable, solvent-based primer for use in exterior applications only. The pre-mixed methylene chloride formula requires no thinning, establishes a permanent bond in 48 hours and will not re-emulsify.

**Application:** Substrate temperature must be a minimum of 55°F (13°C) for 24 hours prior to application.

NS97 can be applied with a short nap roller, brush, trowel or sprayer. Allow NS97 to dry until tacky to touch, but non-transferable to finger. This may take as little as 10 minutes, but usually no more than 45, depending upon temperature, humidity, internal moisture level/porosity of substrate and application thickness.

*Tile may be set immediately after membrane is installed. NAC Sheet membranes are not recommended for use in vertical applications.*

*See the label on NS97 container or the specified membrane installation sheet for complete application instructions.*

**MVT:** NS97 Primer will protect against Moisture Vapor Transmission (MVT) when used with NAC sheet membranes providing 10#/1000 SF/24 HRS protection.

**Coverage:** NS97 will cover 300-400 square feet per gallon depending on applicator type and porosity of the substrate.

**Clean Up:** Tools, equipment and spillage may be cleaned up with mineral spirits.

**Storage:** Store in original, tightly sealed container out of sun at 60-95°F. NS97 may gel if stored at lower temperatures but will return to normal viscosity at 70°F. NS97 has an 18 month shelf life so be sure to rotate stock.

**Packaging:** NS97 Primer is available in one gallon cans (4/carton) and 5 gallon pails.

**Caution:** Avoid contact with aluminum application equipment (spray guns, pumps, canisters) copper, copper alloys or polystyrene foam.

NAC Primer Reference Chart

NAC	Interior Application			Exterior Application		
	Below Grade	On Grade	Above Grade	Below Grade	On Grade	Above Grade
NAC TAC	✓	✓	✓	✓	✓	✓
NAC TAC II		✓	✓			
NS97				✓	✓	✓



National Applied Construction Products, Inc.

www.nacproducts.com  
800.633.4622 • fax: 330.644.3117