



NAC Primers (NAC TAC, NAC TAC II, NS97)

Product Data Sheet

National Applied Construction Products, Inc. • 800-633-4622 • Fax: 330-644-3557 • www.NACproducts.com
 Important: Proper installation of this system requires use of the appropriate primers and companion products. Read and understand Product Data (PDS) and Material Safety Data (MSDS) for all products prior to installation.

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				✓	✓	✓

Reference the PRIMER PDS SHEET for complete information of NAC Products, Inc. primers.

NAC primers are necessary components of NAC sheet membrane systems. Although NAC sheet membranes are peel and stick, the use of an NAC primer is necessary to get a permanent bond between the membrane and the substrate. Use of these primers is required in order to meet the minimum shear strengths mandated A118.10 for load bearing, bonded waterproof membranes. When installing membrane in excessively damp areas, contact NAC technical department for installation instructions. For complete application instructions, read and understand the specified membrane Installation Sheet and the specific primer label for use, handling, storage and disposal.

Suitable Substrates for ALL NAC Primers

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

Wood: Exterior or exposure 1 plywood, APA-rated sheathing, Sturd-I-Floor, hardwood, tongue and groove and OSB with standard face. (Gap between sheathing as required.)

Other Substrates: Ceramic and porcelain tile, stone, terrazzo, VCT/VAT, metal, radiant-heated, painted and sealed floors and floors damaged by dry shrinkage and structural movement.

- For absorptive surfaces, apply Moisture Lock 101® in accordance with manufacturer's instructions. Let cure 24 hours before applying primer.
- A cementitious parge coat must be applied to concrete block and cured before priming.
- Substrates must be dry, well adhered, 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.

Refer to current TCNA handbook for additional guidelines.

NAC TAC Primer

NAC TAC is a non-flammable, neoprene-based primer for use in interior OR exterior applications.

NAC TAC is a pre-mixed formula that requires no thinning, establishes a permanent bond in 48 hours and will not re-emulsify.



Application: Substrate temperature must be a minimum of 65°F (18°C) for 24 hours prior to application. NAC TAC can be applied with a short nap roller, brush, trowel or sprayer with a thin but thorough coat. Allow NAC TAC 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 on horizontal surfaces. NAC Sheet membranes are not recommended for use in verticle applications. See the label on NAC TAC container or the specified membrane installation sheet for complete application instructions. Please refer to the Primer Reference chart to ensure appropriate substrate grade for the application.

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

Coverage: NAC TAC will cover 375-425 square feet per gallon depending on applicator type and porosity of the substrate.

Clean Up: Remove wet NAC TAC with a damp cloth and plain water. Use mineral spirits for dried primer.

Storage: Store in original, tightly sealed container in a cool dry area. NAC TAC has a 12 month shelf life so be sure to rotate stock. Do not store below 35°F (2°C) as NAC TAC is not freeze/thaw stable. If NAC TAC separates, shake to remix. If product will not remix, do not use.

Packaging: NAC TAC Primer is available in quart bottles (12/carton), one gallon jugs (4/carton) and 5 gallon pails.

NAC TAC II Primer

NAC TAC II is a non-flammable, water-based primer for use in interior applications that are on grade or above grade.

NAC TAC II is a pre-mixed formula that requires no thinning, establishes a permanent bond in 48 hours and will not re-emulsify.

Application: Substrate temperature must be a minimum of 65°F (18°C) for 24 hours prior to application.

NAC TAC II can be applied with a short nap roller, brush, trowel or sprayer. Allow **NAC TAC II** 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 on horizontal surfaces. NAC Sheet membranes are not recommended for use in verticle applications. See the label on **NAC TAC II** container or the specified membrane installation sheet for complete application instructions. Please refer to the Primer Reference chart to ensure appropriate substrate grade for the application.

Moisture Vapor Transmission: **NAC TAC II** Primer will protect against Moisture Vapor Transmission (MVT) when used with NAC sheet membranes providing 7#/1000 SF/24 HRS protection.

Coverage: **NAC TAC II** will cover 375-425 square feet per gallon depending on applicator type and porosity of the substrate.

Clean Up: Remove wet **NAC TAC II** with a damp cloth and plain water. Use mineral spirits for dried primer.

Storage: Store in original, tightly sealed container in a cool dry area. **NAC TAC II** has a 12 month shelf life, rotate stock. Do not store below 35°F (2°C) as **NAC TAC II** is not freeze/thaw stable. If **NAC TAC II** settles, shake to remix. If product will not remix, do not use.

Packaging: **NAC TAC II** Primer is available in one gallon jugs (4/carton) and 5 gallon pails.

NS97 Primer

NS97 is a non-flammable, solvent-based primer for use in exterior applications only.

NS97 is a pre-mixed methylene chloride formula that 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 on horizontal surfaces. NAC Sheet membranes are not recommended for use in verticle applications. If water test is required, allow 48 hours to cure.

See the label on **NS97** container or the specified membrane installation sheet for complete application instructions. Please refer to the Primer Reference chart to ensure appropriate substrate grade for the application.

Moisture Vapor Transmission: **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.

For additional questions or information, contact NAC Products at 800-644-4622 or visit our website www.NACproducts.com