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IMPORTANT: These Primers are necessary components of NAC Membrane Systems. Read and understand all Packaging, Product Data (PDS), Membrane Install and Material Safety Data (MSDS) Sheets prior to installation.

NAC TAC, NAC TAC II and NS97 Primer are necessary components of NAC Membrane Systems. Use of these Primers is required in order to meet minimum shear strengths mandated by A118.10 for load bearing, bonded waterproof membranes. When installing membrane in excessively damp areas, contact NAC Products, Inc. technical department for installation instructions. For complete application instructions, read and understand the specified Membrane Install Sheet. Review NAC TAC, NAC TAC II and NS97 labels for use, handling, storage and disposal instructions.

NAC TAC PRIMER

Overview

- Interior and Exterior application *see* Primer Reference Chart for more details
- Safe, non-flammable, neoprene-based Primer for interior NAC Membrane System installation.
- Allows installer more time to adjust Membrane during installation.
- Establishes permanent bond in 48 hours.
- Will not re-emulsify.
- Tile can be set immediately on horizontal surfaces.
- Tile can be applied to vertical surfaces after 48 hours.
- Pre-mixed formula – no thinning required
- Moisture Vapor Transmission 10#/1000SF/24HRS

Coverage: 375-425 square feet per gallon depending on applicator type and porosity of substrate.

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

Application: *See* specified Membrane Install Sheet and NAC TAC label for complete application instructions.

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

Storage: NAC TAC Primer has a 12 month shelf life; rotate stock. Store in original, tightly sealed containers in a cool, dry area.

NAC TAC Primer is not freeze/thaw stable. Do not store below 35°F (2°C). If NAC TAC separates, shake to remix. If product will not remix, do not use.

NAC TAC II PRIMER

Overview

- Interior application *see* Primer Reference Chart for more details
- Safe, non-flammable, Primer for interior NAC Membrane System installation.
- Allows installers more time to adjust Membrane during installation.
- Establishes permanent bond in 48 hours.
- Will not re-emulsify.
- Tile can be set immediately on horizontal surfaces.
- Tile can be applied to vertical surfaces after 48 hours.
- Pre-mixed formula – no thinning required
- Moisture Vapor Transmission 3#/1000SF/24HRS

Coverage: 375-425 square feet per gallon depending on applicator type and porosity of substrate.

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

Application: *See* specified Membrane Install Sheet and NAC TAC label for complete application instructions.

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

Storage: NAC TAC II Primer has a 12 month shelf life; rotate stock. Store in original, tightly sealed containers in a cool, dry area.

NAC TAC II Primer is not freeze/thaw stable. Do not store below 35°F (2°C). If NAC TAC II separates, shake to remix. If product will not remix, do not use.

See page 2 for Suitable Substrate applications

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NS97 PRIMER

Overview

- Exterior application *see* Primer Reference Chart for more details
- Non-flammable, solvent-based Primer for exterior installations of NAC Membrane Systems.
- Will not re-emulsify.
- Capable of excellent bond strength at low temperatures, but returns to normal viscosity at 70°F (21°C).
- Tile can be set immediately on horizontal surfaces.
- Wait 48 hours for vertical application. If water test is required, allow 48 hours to cure.
- Pre-mixed methylene chloride formula. No thinning required.
- Moisture Vapor Transmission 10#/1000SF/24HRS

Coverage: 300-400 square feet per gallon depending on applicator type and porosity of substrate.

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

Application: See specified Membrane Install Sheet and NS97 label for complete application instructions.

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

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

Storage: NS97 has a 12 month shelf life; rotate stock. Store out of sun at 60-95°F in original, tightly sealed containers. NS97 may gel if stored at lower temperatures but will return to normal viscosity at 70°F (21°C).

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 pull test is required before applying tile to painted, treated, vertical or overhead surfaces.
- Refer to current TCA handbook for additional guidelines.

PRIMER REFERENCE CHART

	Interior			Exterior			
	Below Grade	On Grade	Above Grade	Below Grade	On Grade	Above Grade	Exposed to elements
NAC TAC	X	X	X		X	X	
NAC TAC II		X	X				
NS-97				X	X	X	X