



# 'R' NOVA



'R' NOVA™ ROOF COATING (15B) Order No. C101

## DESCRIPTION

Soprema 'R' NOVA™ white elastomeric roof coating is a premium, water-based acrylic latex coating. Properly applied, it is highly resistant to disbonding, chalking, mildew and discoloration. 'R' NOVA™ roof coating gives the following benefits:

- Reflects up to 84% of sun's heat and U.V.
- Lowers roof and interior temperatures
- Prolongs roof life
- Helps reduce air conditioning costs

## USES

- Previously coated white or aluminum roof surfaces that are well adhered
- Coat mineral surface cap sheet (conventional, SBS, or APP)
- Smooth surface BUR, SBS and APP roofs may require Soprema Approved Primer
- Stucco and masonry parapet walls
- Metal roof panels that has been properly prepared

## SURFACE PREPARATION

Surface must be clean and in good repair. Sweep and power wash area to remove all dust, dirt, and residues. Scrub areas where water ponds with detergent and water, and rinse well. Carefully inspect area to be coated, including around pipes, chimneys, equipment, roof edges and walls. Repair all cracks, breaks, splits and holes by embedding Soprema PolyFleece fabric between two heavy coats Henry #289 ElastoCaulk, FM Adhesive™ Trowel Grade or ALSAN® Flashing applied over and at least two (2") inches (51 mm) beyond repair. Allow to completely cure. Henry #289 ElastoCaulk can usually be coated within twenty-four (24) hours; FM Adhesive™ Trowel Grade must cure for thirty (30) days to avoid bleed through; ALSAN® Flashing must cure for at least five (5) days with a seal coat of 'R' NOVA™ to help reduce occurrences of bleed through.

On metal roofs tighten all fasteners. Note: All leaks must be sealed prior to application of 'R' NOVA™. Seal fasteners and metal seams with either Henry #289 ElastoCaulk, ALSAN® Flashing or Soprema Sopralene Stick (apply Soprema Approved SA Primer clean metal surface prior to installing Sopralene Stick-consult primer instructions for cure times). Coat the Sopralene Stick with Soprema Approved Primer prior to coating with 'R' NOVA™. When recoating a previously coated aluminum or white roof, for best results, apply Soprema Approved Primer at the specified rate. Allow primer to cure completely before application of 'R' NOVA™ roof coating.

Over conventional, SBS or APP mineral surface cap sheets, sweep the surface clean of all contaminants or loose granules before applying 'R' NOVA™ roof coating. For best results, apply a base coat of 'R' NOVA™ at rate of 1 to 1.25 gallons (3.7-4.75 L) per 100 ft<sup>2</sup> (0.4-0.5 L/m<sup>2</sup>) as an initial base coat and after curing a finish coat of 'R' NOVA™ at rate of 1 to 1.25 gallons (3.7-4.75 L) per 100 ft<sup>2</sup> (0.4-0.5 L/m<sup>2</sup>). On new roofs where ponding (water that remains on roof more than 48 hours after rainfall) use ALSAN® Flashing and embed granules to refusal in accordance with current Soprema Approved Details to create positive drainage and to enhance 'R' NOVA™ adhesion in those areas. After curing, apply a base coat of 'R' NOVA™ at a rate of 1.25 gallons (4.75 L) per 100 ft<sup>2</sup> (0.5 L/m<sup>2</sup>) and after curing a finish coat of 'R' NOVA™ at rate of 1.25 gallons (4.75 L) per 100 ft<sup>2</sup> (0.5 L/m<sup>2</sup>).



## SURFACE PREPARATION (Continued)

Over metal, BUR, smooth SBS and APP (weathered) modified bitumen membranes thoroughly sweep the surface clean of all contaminants and anti-blocking agents. It is recommended to apply Soprema Approved Primer (Contact Soprema Sales Representative) at a rate of one gallon per square or that additional amount to insure all surfaces are properly prepared prior to applying two (2) coats of 'R' NOVA™ roof coating at 1 gallon per 100 ft<sup>2</sup> per coat (0.4 L/m<sup>2</sup>).

## APPLICATION

Choose a warm, sunny day - the roof surface should be warm to the touch. If the roof surface is too hot to touch 140° F+ (60° C), it is too hot to coat. Apply to a clean, dry surface. Do not dilute. Stir coating to a uniform consistency, and apply by heavy duty spray, deep-pile paint roller or 4-knot brush. Apply in two coats at recommended rate for the substrate. When possible, apply the same day. Schedule work so second coat can dry before nightfall. Always apply second coat at right angles to the first coat. When applied by brush or roller; keep strokes in one direction; apply finish coat at right angles to first coat and to the field cap membrane ply side laps. Allow to dry thoroughly between coats.

## COVERAGE


On smooth surfaces - approximately two (2) gallons (7.57 L) per 100 ft<sup>2</sup> (applied in 2 coats of 1 gallon per 100 ft<sup>2</sup> or 0.4 L/m<sup>2</sup>). For 20 dry mils apply in two (2) coats of 1.25 gallons (4.75 L) per 100 ft<sup>2</sup> (0.5 L/m<sup>2</sup>). On mineral surfaces - approximately two to three (2-3) gallons (7.57-11.37 L) per 100 ft<sup>2</sup> (0.8-1.22 L/m<sup>2</sup>) depending on porosity and roughness of surface (applied in 2 coats of 1 to 1.5 gallons per 100 ft<sup>2</sup> or 0.4 to 0.61 L/m<sup>2</sup>). See current UL Listings to determine coverage rates in order to comply with building code requirements.

## APPROVALS

See Underwriters Laboratories Inc. File #R11436, FM Approvals, ICC/ES, Miami-Dade County or Florida Building Code Product Approval Listings for current Approved Roof Assembly combinations.

## WARRANTY

Contact your local SOPREMA representative for project warranty offerings.

	<u>Initial</u> <u>Weathered</u>		CA Title 24 Compliant Initial/Weathered - CRRC Rated	Reflectivity 0.88 / 0.73	Emmissivity 0.90 / 0.87	
	Solar Reflectance	0.88				0.73
	Thermal Emittance	0.90	0.87	LEED	Recycled Content 0%	
	Rated Product ID Number	0772-0029			Production Location: Bartow, FL, Garland, TX & Kingman, AZ	
Licensed Seller ID Number	0772					
Classification	Field-Applied Coating					
Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary.						
Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.						
<b>Solar Reflective Index(SRI)</b>						
Initial			Weathered			
111.5			89.5			