



R NOVA PLUS MASTIC

1.800.356.3521
www.soprema.us

ORDER NO.: L-RNP003

TECHNICAL DATA SHEET

QUANTITY (gal)	AMBIENT TEMP	NEXT LAYER	MAX. RECOAT				
5 (18.9 L)	104°F 41°F (5 - 35°C)	24 hours at 68°F (20°C)	36 hours at 68°F (20°C)				

DESCRIPTION

R Nova Plus Mastic is a thixotropic hybrid acrylic/urethane resin utilized in numerous applications, including metal roofs (reinforced at seams as necessary), single ply restoration (reinforced, partially reinforced and non-reinforced), repairs (reinforced as necessary), flashings (reinforced) and single ply seam repair (reinforced and non-reinforced). R Nova Plus Mastic is also utilized as a fastener encapsulator on mechanically fastened metal roof systems.

APPLICATION

R Nova Plus Mastic may be applied with a 2 to 4 inch square edged trowel for seams, or integrated with fleece using a brush for vertical flashing elements. When using the reinforcing fleece the mastic should be applied to a 1/8 inch thickness and extend one (1) inch beyond the fleece edge.

PACKAGING

R Nova Plus Mastic is available in five (5) gallon pails.

STORAGE & HANDLING

Shelf life: 12 months in original unopened containers when stored at 77°F (25°C). Keep from freezing. For more information, refer to instruction on the label of the can and to relevant Material Safety Data Sheet (MSDS).



R NOVA PLUS MASTIC

1.800.356.3521

www.soprema.us

TECHNICAL DATA SHEET

COVERAGE RATES

SINGLE PLY SEAM APPLICATION (THREE-COURSE)

R Nova Plus Mastic

Alsan PolyFleece reinforcement

R Nova Plus Mastic

Approximately 20-25 linear feet per gallon with six (6) in. wide fabric

FASTENER ENCAPSULATION

Reseat fasteners as necessary

Fastener encapsulation rate at approximately 250 - 260 per gallon

REINFORCED FLASHING APPLICATION

R Nova Plus Mastic (base application) - minimum 2.0 gallons per 100 ft²

Alsan PolyFleece reinforcement

R Nova Plus Mastic (top application) - minimum 2.0 gallons per 100 ft²

PHYSICAL PROPERTIES

PROPERTY	VALUE	TEST METHOD
VOC content	0.32 g/L	-
Heat stability (average)	> 248°F (> 120°C)	ASTM D 2939
Cold temperature flexibility (average)	< -22°F (< -30°C)	ASTM D 522
Tensile strength (average)	> 1.6 MPa (> 227 psi)	ASTM D 412
Elongation at break (average)	> 500%	ASTM D 412
Resistance to ponding water	Pass	ASTM D 2939
Resistance to water pressure	> 0.5 atm (> 7.4 psi), 24 hr	DIN 52123
Water vapor permeance	1.87 perms	ASTM D 1653
Tear resistance	> 130 N/cm (> 76 lbf•in)	ASTM D 624
UV resistance	Resistant to UV and influence of O ₂ and ozone	ASTM D 4799
Adhesion	Excellent to concrete, bituminous membrane, bitumen, aluminum, galvanized steel, asbestos, TPO, PVC, EPDM	ASTM D 794
Fungi resistance	Pass	ASTM G 21