



R NOVA PLUS MATRIX

1.800.356.3521
www.soprema.us

ORDER NO.: L-RNP004

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 Matrix is a microfiber enhanced hybrid acrylic/urethane flashing paste used for waterproofing small and difficult penetrations where standard R Nova Plus reinforcement membrane is not possible to apply. R Nova Plus Matrix is used in conjunction with R Nova Plus liquid applied systems.

APPLICATION

R Nova Plus Matrix may be applied with a 2 to 4 inch square edged trowel for seams, or using a brush for vertical flashing elements.

PACKAGING

R Nova Plus Matrix 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).



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COVERAGE RATES

SINGLE PLY SEAM APPLICATION

R Nova Plus Matrix

Approximately 40-45 linear feet per gallon with six (6) in. wide application

FLASHING APPLICATION

R Nova Plus Matrix - 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