

1. PRODUCT NAME

NC245-25
Polyurethane Foam

2. SUPPLIED BY

NATIONAL COATINGS CORP.
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Camarillo, CA 93012
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3. PRODUCT DESCRIPTION

NC245-25 is a two-component system of polymeric isocyanate “A-Component” and a water/Enovate 3000 (HCFC-245fa) blown “B-Component”. **NC245-25** has been formulated as a nominal roof grade density of 2.5 lb/ft³ closed cell foam.

4. TECHNICAL DATA

See table below.

5. INSTALLATION

For application details see specific Installation Guide Specifications.

6. AVAILABILITY AND COST

NC245-25 may be purchased directly from National Coatings Corporation. For information call 800-423-9557.

7. WARRANTY

Various warranties are available for **NC245-25** foam when used with specific **ACRYSHIELD** SPF Roofing Systems installed by approved applicators.

8. MAINTENANCE

Periodic maintenance of **ACRYSHIELD** SPF Roofing Systems containing **NC245-25** foam ensures extended performance and reduces life-cycle costs.

9. TECHNICAL SERVICES

Additional information, product brochures, and installation guide specifications are available from National Coatings Corporation.

10. FILING SERVICES

Additional product information is available from National Coatings Corporation.

System Specifications

<u>Viscosity</u>	<u>cps @ 70°F</u>	<u>Mix Ratio</u>	<u>By Volume</u>	<u>Recommended Ambient Application</u>		
				<u>Temperatures °F</u>		
A-Component	175 – 250	A-Component	100	SS	RS	WS
B-Component	500 – 650	B-Component	100	85+	60 – 90	50 - 75

Typical Physical Properties**

Properties	Test Method	Results
Density	ASTM D-1622	2.5lb/ft ³
Compressive Strength Parallel to Rise	ASTM D-1621	40 PSI
Tensile Strength	ASTM D-1623	70 PSI
Percent Closed Cells	ASTM D-2856	>90%
Insulation Values (aged)	ASTM C-518	k Factor (BTU-in/ft ² ·°F-Hr) 0.156 R Value/Inch (ft ² ·°F-Hr/BTU-in) 6.4
Water Vapor Transmission	ASTM E-96	3.0 Perm Inch
Dimensional Stability	ASTM D-2126	% Volume Change (7 days) 158°F 100% Relative Humidity <1 200°F <1 -20°F <1
Fire Listings		
Roof Deck – Non Combustible	UL 790 / ASTM E108*	Class A
Roof Deck – Combustible		Class B
Spread of Flame	UL 723 / ASTM E84*	40

*These flame-spread ratings are not intended to reflect hazards presented by this or any other material under actual fire conditions.

**Typical data as obtained by laboratory samples and value may vary under actual field conditions.

