

**1. PRODUCT NAME**

**NC245-30**  
Polyurethane Foam

**2. SUPPLIED BY**

**NATIONAL COATINGS CORP.**  
1201 Calle Suerte  
Camarillo, CA 93012  
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**3. PRODUCT DESCRIPTION**

**NC245-30** is a two-component system of polymeric isocyanate “A-Component” and a water/Enovate 3000 (HCFC-245fa) blown “B-Component”. **NC245-30** has been formulated as a nominal roof grade density of 3.0 lb/ft<sup>3</sup> closed cell foam.

**4. TECHNICAL DATA**

See table below.

**5. INSTALLATION**

For application details see specific Installation Guide Specifications.

**6. AVAILABILITY AND COST**

**NC245-30** may be purchased directly from National Coatings Corporation. For information call 800-423-9557.

**7. WARRANTY**

Various warranties are available for **NC245-30** foam when used with specific **ACRYSHIELD** SPF Roofing Systems installed by approved applicators.

**8. MAINTENANCE**

Periodic maintenance of **ACRYSHIELD** SPF Roofing Systems containing **NC245-30** 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**

Viscosity	cps @ 70°F	Mix Ratio	By Volume	Recommended Ambient Application		
				Temperatures °F		
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	3.0lb/ft <sup>3</sup>
Compressive Strength Parallel to Rise	ASTM D-1621	50 PSI
Tensile Strength	ASTM D-1623	90 PSI
Percent Closed Cells	ASTM D-2856	>90%
Insulation Values (aged)	ASTM C-518	k Factor (BTU-in/ft <sup>2</sup> -°F-Hr) 0.156 R Value/Inch (ft <sup>2</sup> -°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.

