



Technical Data Sheet

NCFI Polyurethanes

Div. of Barnhardt Manufacturing Co.

PO Box 1528 • Mount Airy, NC 27030

800-346-8229

www.NCFI.com

EnduraTech™ M (70-026)

ACRYLIC ELASTOMERIC COATING

DESCRIPTION:

EnduraTech™ M 70-026 is a premium quality, elastomeric coating which combines 100% acrylic polymers with a hi-solids content of titanium dioxide for long lasting durability and ultraviolet resistance. EnduraTech™ M 70-026 is uniquely engineered to resist ponding water and has been proven effective for years on millions of feet of commercial, industrial, and residential roofing.

DISTINGUISHING CHARACTERISTICS:

- Superior resistance to ultraviolet degradation
- Excellent adhesion to most substrates
- Low temperature flexibility down to - 0°F
- Low toxicity and odor, environmentally safe
- Excellent dirt pickup resistance, maintains high reflectivity which reduces substrate temperatures, prolonging roof life and reducing interior temperatures and energy costs

INSTALLATION:

- May be applied by spray or heavy nap roller. However, airless spray is recommended for consistency
- All surfaces must be clean, dry, and free of dirt, grease, oil, or other contaminants that would interfere with proper adhesion
- Apply in two separate coats of 1 gallon per 100 square feet per coat minimum
- Apply at temperatures above 50°F and rising
- Apply only when weather conditions will permit coating to dry before rain, dew, or freezing temperatures occur
- Acrylic-based coatings must cure before being subjected to freezing or moisture

Example of ideal conditions:

4-6 hours, above 70°F, and low humidity

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TECHNICAL DATA:

Properties	Typical Value	Test Method
Weight per Gallon	11.5 lbs	
Viscosity	approx 10,000 cps	
Clean-up	Water	
Re-coat Time	normally 4-8 hrs	
Elongation	400%	ASTM D2370
Tensile Strength	200 psi	ASTM D2370
U/V Reflectance	85%	ASTM E903
Solids by Weight	68%	Calculated by Formula
Solids by Volume	56%	As tested
Perm Rating	3.0	ASTM D471
Low Temperature Flexibility	0° F	Passes 1" Mandrel
Solar Reflectance	0.85	
Thermal Emittance	0.88	
* CRRC Rated Product ID# 0750-003		
* CRRC Rating applies to white only		

The information on our data sheets is to assist customers in determining whether our products are suitable for their applications. The customers must satisfy themselves as to the suitability for specific cases. NCFI Polyurethanes warrants only that the material shall meet its specifications; this warranty is in lieu of all other written or unwritten, expressed or implied warranties and NCFI Polyurethanes expressly disclaims any warranty of merchantability, fitness for a particular purpose, or freedom from patent infringement. Accordingly, buyer assumes all risks whatsoever as to the use of the material. Buyer's exclusive remedy as to any breach of warranty, negligence or other claim shall be limited to the purchase price of the material. Failure to adhere strictly to any recommended procedures shall relieve NCFI Polyurethanes of all liability with respect to the material or the use thereof.