

# 07560 Membrane Roofing/Acrylic Coating



## 1. PRODUCT NAME

**ACRYSHIELD® A501**  
Elastomeric Roof Coating

## 2. MANUFACTURER

**NATIONAL COATINGS CORP.**  
1201 Calle Suerte  
Camarillo, CA 93012  
Phone: 800-423-9557  
FAX: 800-294-3866  
www.nationalcoatings.com

## 3. PRODUCT DESCRIPTION

**ACRYSHIELD® A501** is an acrylic, elastomeric base coating for Sprayed Polyurethane Foam (SPF) Roofing Systems. **A501** has optimum adhesion to SPF.

### BENEFITS:

- *Seamless Waterproofing*
- *Fully-Adhered Installation*
- *Acrylic Durability*
- *Prolonged Roof Life*
- *Reduced Life Cycle Costs*
- *Renewable*

### APPROVALS:

- UL 790 Class A Rating



- ICC-ES ESR-2140



## 4. TECHNICAL DATA

See table on reverse side.

## 5. INSTALLATION

- May be applied by spray, brush, or roller.
- All surfaces must be clean, dry, and free of dirt, grease, oil, or other contaminants that would interfere with proper adhesion.
- Apply at temperatures above 50°F.
- Apply only when weather conditions will permit drying before rain, dew or freezing temperatures.
- Cool temperatures and high humidity retard cure.
- Do not install as top coating in mildew-prone environments.
- For application details see specific Guide Specifications.

## 6. STORAGE

Store materials between 40°F and 100°F to prevent damage to products. Do not store at high temperatures or direct sunlight. Protect all materials from freezing during transit, handling, storage, and installation. Minimum one year shelf life if stored at 40°F-90°F.

## 7. AVAILABILITY AND COST

**ACRYSHIELD A501** may be purchased directly from National Coatings Corporation. For information call 800-423-9557.

## 8. WARRANTY

Various warranties are available for specific **ACRYSHIELD SPF ROOFING SYSTEMS** and **ACRYPLY® ROOFING SYSTEMS** installed by approved applicators.

## 9. MAINTENANCE

Periodic maintenance of **ACRYSHIELD SPF ROOFING SYSTEMS** and **ACRYPLY ROOFING SYSTEMS** ensures extended performance and reduces life cycle costs.

## 10. TECHNICAL SERVICES

Additional information, product brochures, and guide specifications are available. Roof energy evaluations, life cycle cost analyses, and other roof management services are also available from a National Coatings Technical Consultant.

## 11. FILING SERVICES

Additional product information is available from National Coatings Corporation.



## ACRYSHIELD® A501

### ASTM D6083 Technical Data

Property	Requirement	Typical Results
Initial Tensile Strength (psi)	200 Minimum	290
Initial Elongation (%)	100 Minimum	160
Wet Adhesion (pli)*	2 Minimum	3.5
1000-hr Accelerated Weathering	No Cracking or Checking	No Cracking or Checking
Elongation After Accelerated Weathering (%)	100 Minimum	150
Low Temperature Flexibility After Accelerated Weathering	Pass ½" Mandrel @ -15°F	Pass
Volume Solids (%)	> 50	54 ± 2
Weight Solids (%)	> 60	68 ± 2
Viscosity (KU)	85-141	110 ± 10
<b>* Measured Over Sprayed Polyurethane Foam</b>		

ACRYSHIELD A501 is for industrial/commercial applications only. These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control.

