



## ACRI-SEAL 2350

### Technical Data Sheet

For Professional Use Only

# Sprayable Fibered Seam Sealant

## Recommended Uses

Acri-Seal 2350 is intended as an alternative to fabric and coating (3 coursing) used on seams, flashing details and penetrations. Acri-Seal can also be used as a base coat for full fabric systems.

## Description

- A high quality, plasticizer free, water-based, 100% acrylic, fiber-reinforced, highly flexible sealer for roof seams, flashings, drains and penetrations.
- Unique formulation allows the product to be pumpable/sprayable and still maintain a high film build
- Designed to provide a long-lasting flexible membrane that will retain flexibility even in the harshest climatic conditions
- Excellent adhesion to aged single-ply including TPO, PVC, EPDM, and Mod-Bits
- Has the unique ability to breathe, providing a completely watertight membrane while allowing trapped moisture to escape.

## Colors

**Standard Colors:** WHITE & GREEN

## Packing/Shipping Information

### CONTAINER SIZES:

55 Gallon Drum (208.2 liters)

5 Gallon Pail (18.9 liters)

SHIPPING CLASS - 55

## Typical Properties

Property	Test Method	Results
Volume Solids	ASTM D-1644	55 +/- 2%
Weight Solids	ASTM D-370	65 +/- 2%
Tensile Strength	ASTM D-2370	525 PSI +/- 25
VOC	ASTM D-624	< 50G Liter
Permeance	ASTM D-1653	7 Perms
Elongation	ASTM D-370	275% +/- 25
Density	EPAA Method 24	11.4lbs/Gal
Temperature Limit		0 F to 185 F
Low Temp Flexibility	ASTM D-522	Passes 180 Flex over ½ Mandrel @ 15°F

## Surface Preparation

**General:** Surfaces to be coated should be dry, free of dust, dirt, oil, peeling coating and other foreign matter.

**Environmental Conditions:** This product cures by water evaporation only. The product must not be applied when the ambient temperature is below 32\* F within 24 hours of application. Application is not recommended if rain or dew is likely to occur before the product dries. In high humidity conditions, late afternoon applications should be avoided as overnight dew formation on an uncured surface can cause coating wash-off. Do not apply when the dew point is too close to the temperature.

**Limitations:** The surface must be clean and dry. Application is not recommended where ponded water is present. Do not apply over wet substrates or when inclement weather is imminent. Complete cure of Acry-Seal requires complete evaporation of water. Cool temperatures and high humidity retard cure. In addition, this product is not recommended for use without a vapor barrier in cryogenic tank or cold storage roofing applications. It is not intended for use as a thermal barrier.

**Ponded Water:** Proguard warranties do not cover damage due to ponding water. The National Roofing Contractors Association considers ponding water on any roof unacceptable.

# Applications

This product may be sprayed or brushed on a clean, dry surface. For details, see equipment recommendations at the end of this sheet. Apply as a sealant for roof seams and/or base coat as part of a system. Apply enough material to completely cover the seam and 1.5 inches on either side.

## Applications Properties:

Yield (1 gal to 80 linear feet of seam 3" wide)	80 Wet Mils = 44 Dry Mils
Yield (1gal to 100 sq ft)	16 Wet Mils = 8.8 Dry Mils
Dry Time (75* F 50% humidity)	5 hours
Recoat Window	> 8 hours
Complete Cure Time	24 hours

## Coverage Rate:

Apply Acri-Seal to all seams at a rate of one (1) gallon to eighty (80) linear feet at 3" wide. This will result in 44 dry mils. When using as a base coat apply Acri-Seal at one (1) gallon per 100 square feet.

## Equipment:

Minimum Requirements:

### Brush

- Synthetic filament

### Spray

- 30:1 fluid to air ratio capable pump
- 2 ½ gallons or more per minute (continuous)
- Filter screen 30 mesh or larger
- Hose rated to 2x maximum pump pressure
- Hose lining should be compatible with coating and required cleanout materials
- Hose Lengths: (largest diameter at pump)
  - ⅜ minimum 6ft whip
  - ⅜ minimum I.D. up to 75 feet
  - ½ minimum I.D. up to 200 feet
- ¾ minimum I.D over 200 feet
- Spray Gun: Graco Hydra Mastic or Equivalent

- Spray Tip:
  - Reversible self-cleaning type
  - Orifice size of .027 to .039
  - Fan angle of 40\* to 50\*
- Always use components rated for pump pressures

## Safe Practices

The product is designed for professional installation. Before working with this product, you must read and become familiar with the available information on its risks, proper use and handling. Information sources include, but not limited to, SDS and product labels. More resources are available at [proguardbuilding.com](http://proguardbuilding.com) or by contacting Proguard Building directly.

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