



# TECHNICAL DATA SHEET

**ACRtec PolyMembrane Flashing** is a single-component, solvent free, moisture-curing liquid silicone rubber flashing material designed for use on concrete surfaces to work in conjunction with TechCrete 2500 Waterproofing Systems. ACRtec PolyMembrane Flashing provides long-term protection because it resists weathering, aging, oxidation, wind-driven sand, rain and snow, the effects of ozone, ultraviolet radiation and the temperature extremes typically found on concrete structures. With its high solids content and absence of hydrocarbon solvents, ACRtec PolyMembrane flashing can be applied in excess of 40 mils in a single coat without blistering, while maintaining maximum adhesion. Excellent for vertical surfaces without running. Available in clear and light gray.

## PHYSICAL PROPERTIES

Appearance	Light Gray or Clear
Solids Content, Percentage by weight ASTM D-1644	92 (+/-3)
Specific Gravity, at 250C (770 F)	1.24
Tack-Free Time	1-2 hours
Cure Time	1-4 hours
Volatile Organic Compounds	<50 grams/liter
Flash Point	1410F
Durometer Hardness, Shore A, points ASTM D-2240	37
Tensile Strength, psi ASTM D-412	247
Elongation, percent, ASTM E-412	237
Permeability, perms ASTM E-96	10.7
Tensile, Set at 100 percent elongation	Nil
Temperature Stability Range, °C (°F)	-37 to 100 (-35 to 212)
Accelerated Weathering, QUV, 5,000 hours ASTM G 154	No degradation
Fame Spread ASTM E-108	Class A

## APPLICATION

Surfaces to be coated with ACRtec PolyMembrane Flashing must be properly prepared. All surfaces must be clean, dry and free of loose particles. The coating should be applied with a medium nap roller. Small touch up work can be done with a brush. The recommended coverage rate and method is as follows:

**NOTE: Any Alchemco system products should only be applied when the surface temperature is 50°F (10°C) and rising or 100°F (38°C) and falling. Temperature should be measured with a infrared hand held thermometer.**

Areas of pedestrian and non-pedestrian walkways Apply ACRtec PolyMembrane Flashing to the surface at a thickness of 30 mils (2.3 gals /100 square feet). If a slip resistance surface is required then apply the ACRtec Ceramic Granules at a rate of 40 lbs./100 square feet.

Areas of Vehicular Traffic - Apply ACRtec PolyMembrane Flashing to the surface at a thickness of 40 mils (3.1 gals /100 square feet). If a slip resistance surface is required then apply the ACRtec Ceramic Granules at a rate of 60 lbs/100 square feet.

## CLEAN UP

Uncured ACRtec PolyMembrane Flashing can be cleaned off of surfaces by using Naptha or Mineral Spirits.

## APPLICATION RATE & PACKAGING

Coverage rate: 30 mils dry thickness

- 200 - 225 ft<sup>2</sup> per 5 gallon pail
- 18.5 - 21 m<sup>2</sup> per 19 liter pail

40 mils dry thickness

- 165 - 175 ft<sup>2</sup> per 5 gallon pail
- 15 - 16 m<sup>2</sup> per 19 liter pail

Packaging: 5 gallon pail / 19 liter pail

**NOTE:** The coverage rate is based upon an average application. In many cases the coverage may be slightly lower due the shape and configuration of the area being treated.

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## SYSTEM COMPATIBILITY

This product may be required to be used in the following TechCrete 2500 Waterproofing Systems where a Material & Labor Warranty is to be issued:

- Concrete
- CMU Masonry
- Brick Masonry
- Concrete Planters
- Water Features
- Vegetative Roofs

## SHELF LIFE & STORAGE

**ACRtec** PolyMembrane Flashing has a recommended shelf life of 24 months from date of manufacture when stored in unopened containers and between 40°F (10°C) and 80°F (27°C). Please adhere to the same storage advisories when product is being stored on the project site.



## WARNINGS



### DANGER! TOXIC IF SWALLOWED

Exposure to the product may cause skin and eye irritation. Prolonged exposure may cause skin sensitization. Ingestion is not a normal route of exposure under normal product use. If swallowed, product may cause gastrointestinal irritation. This product contains an ingredient that is suspected of causing cancer and/or reproductive harm.

This product has a flash point of > 140°F and does not sustain combustion.

Emergency responders must wear the proper personal protective equipment (and have appropriate fire-suppression equipment) suitable for the situation to which they are responding.

See Safety Data Sheet for further details regarding safe use of this product. Safety Data Sheets for any Alchemco product may be obtained by contacting:

**Alchemco, 3532 Mayland Court, Henrico, VA 23233.  
800- 610-2895 or emailing [technical@alchemco.com](mailto:technical@alchemco.com)  
or calling:**

**CHEMTREC 800-424-9300 (US)  
703-741-5970 (International).**



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