

# PolyMembrane Flashing



**ACR® PolyMembrane Flashing** is a Solvent-Free Silicone that is a one-component clear & brushable. Easily applied, ACR PolyMembrane Flashing cures tack-free, is mildew proof, and is paintable. It seals and waterproofs concrete, brick, block, and stone surfaces. Easily applied, ACR PolyMembrane Flashing cures tack-free, is mildew proof, and is paintable.

ACR PolyMembrane Flashing is a liquid-applied product used to create a watertight transition between vertical and horizontal surfaces, such as floor to wall or around projections coming through the concrete surface. It provides long-term protection against weathering, aging, oxidation and other variables. ACR PolyMembrane Flashing must be used in conjunction with any TechCrete Warrantable Systems. **Available in Opaque and Clear (see typical properties below.)**

## TYPICAL APPLICATIONS

- Basins & Reservoirs
- Cold Storage Areas
- Concrete Decks
- Concrete Restoration
- Control Joints
- Equipment Wash-Down Areas
- Fish Hatcheries
- Fish Ponds
- Foundation Coatings
- Garage Floor Coatings
- Highway Construction

## APPLICATION

Concrete or masonry surfaces should be thoroughly clean and dry. Remove all loose mortar and foreign material. Surface must be free of laitance, concrete dust, dirt, form-release agents, moisture-curing membranes, loose cement and hardeners. One of the following ACR products (or combination of products) should be used for cleaning and preparation.

- ACR Concrete & Masonry Cleaner
- ACR Concrete & Masonry Etch
- ACR Emulsifying Cleaner
- ACR Paint & Stain Remover
- ACR Rust Converter & Inhibitor

Contact Alchemco's Technical Department to determine which product is best for the application. 800-610-2895.

## Clean Up

Uncured silicone coating can be cleaned and equipment can be flushed with Mineral Spirits.

## Coverage Rate

3/64" or 40 mil 200 sq/ft per 5 gallon

## Packaging Sizes

ACR® PolyMembrane Flashing is available in 5 gallon pails.

## TYPICAL PROPERTIES

Appearance:	Light Gray	Durometer Hardness, Shore A, points ASTM D-2240	37
Solids Content, Percent by weight ASTM D-2369:	92 (+/-3)	Tensile Strength, psi ASTM D-412	247
Specific Gravity, at 25°C (77°F):	1.24	Elongation, percent ASTM D-412	237
Tack-Free Time:	1-2 hrs.	Permeability <sup>1</sup> , perms ASTM E-96	10.7
Cure Time:	1-4 hrs.	Tensile, Set at 100 percent elongation	Nil
Volatile Organic Compounds:	<50 grams/liter	Temperature Stability Range, °C (°F)	- 37 to 100 (-35 to 212)
Flash Point	141°F	Accelerated Weathering, QUV, 5,000 hours ASTM G 154	No degradation

## PACKAGING

ACR PolyMembrane Flashing is supplied in the following sizes;  
5 gallon pails (18.92 liters)

## SHELF LIFE & STORAGE

Containers should be sealed and kept in a cool dry location. Avoid prolonged exposure to direct sunlight. If properly maintained this product has a shelf life of twelve (12) months from shipping date.

## WARRANTY & SYSTEMS

Alchemco provides a variety of systems and warranties. The following systems and warranties require the use of ACR PolyMembrane Flashing;

- Existing Construction: **TechCrete 2500 Waterproofing System with 15-Year Limited Liability Material & Labor Warranty.**

For additional information about the Alchemco system specifications or available warranties, either contact your local Alchemco distributor or Alchemco's Technical Department at [info@alchemco.com](mailto:info@alchemco.com) or call 800-610-2895.

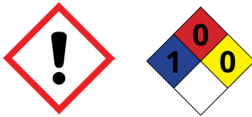
## PRODUCT FEATURES

- Excellent adhesion to all common construction surfaces.
- May be applied to damp or oily surfaces.
- Can be applied at practically any temperature.
- Withstands water contact immediately after application.
- Self-leveling, mildew proof and paintable.
- Cures to a tack free finish.
- For applications with lower than normal temperature and humidity levels, expect the cure time to be longer.

## TYPICAL PROPERTIES

Appearance:	Clear
Solids Content, Percent by volume ASTM D-2369:	90(+/-3)
Specific Gravity, at 25°C (77°F):	1.03
Tack-Free Time:	1-2 hrs.
Cure Time:	1-4 hrs.
Volatile Organic Compounds:	<20 grams/liter
Flash Point	141°F

## WARNINGS



**WARNING! Skin and eye irritant.  
May cause skin sensitization.**

FIRST AID: Eyes – Flush with water for 15 minutes and call physician. Skin – Wash thoroughly with soap and water. Use in well-ventilated area.

**KEEP OUT OF REACH OF CHILDREN.  
IF SWALLOWED: Do not induce vomiting.  
Immediately call a POISON CONTROL CENTER  
or doctor/physician.**

See Safety Data Sheet for further details regarding safe use of this product. Alchemco, 3532 Mayland Court, Henrico, VA 23233. 800-610-2895.



### WARRANTY DISCLAIMER

*Because of conditions of use which may be beyond our control, Alchemco shall not be held responsible in any manner for any personal injury or property loss resulting to the buyer or any other person from handling, storage, or use of this material not in accordance with directions. The buyer and/or user assumes all risk and liability resulting from improper handling or usage. There is no warranty expressed or implied of any kind, except as supplied in writing.*

## TECHNICAL DATA