



# 10 YR SYSTEM QUICK SPEC EPDM

High Solids Acrylic Coating System

26 Dry Mils

## DESCRIPTION

The EVER-CRYLIC COOL ROOF RESTORATION SYSTEM for black EPDM roofs is a high solids coating system comprised of premium elastomeric acrylic coatings and primers. This high-performance coating system protects the existing roof from the harmful effects of UV, greatly reducing thermal shock and prolonging the life of the roof while helping maintain internal temperatures and reducing cooling costs. It is tested and certified to meet CRRC guidelines for Title 24 compliance.

## BASIC USES

The EVER-CRYLIC COOL ROOF RESTORATION SYSTEM is a tough, durable system designed to extend the life of a wide range of roof top environments from premature weathering and moisture intrusion. It is effective as a protective membrane to coat an entire roof, or to use for spot repair.

## FEATURES & BENEFITS

- Prolongs the life of an existing roof surface while helping to lower internal temperatures and reduce cooling costs
- High tensile strength and abrasion resistance
- Excellent adhesion to a variety of roof substrates
- Ease of application - extremely fast and simple to install
- Can be used to reinforce and seal seams, penetrations, transitions, terminations, and to make spot repairs
- Economical - extends the life of your existing roof
- Quick Set is available to shorten cure time
- Can be re-coated up to 7 to 10 days between coats
- UL-790 Class "A" fire resistance rating

## WARRANTY

EVERROOF® offers two Limited Warranties:

1. Material Only Warranty - No Charge
2. Labor & Material Warranty - For Approved Applicators Only

Fees and other conditions will apply. Consult your EVERROOF representative.

See Warranty System Sheet for Wet and Dry Film Thickness Requirements.

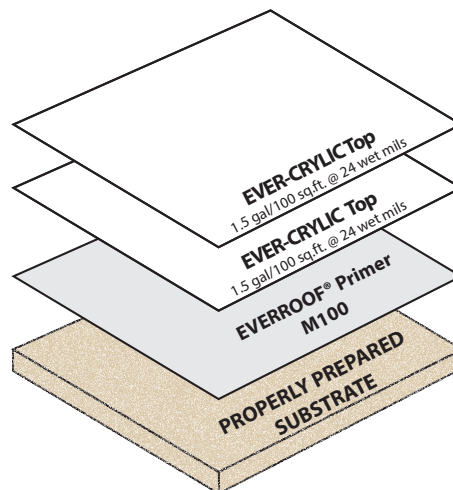
## REQUIRED MATERIALS

- EVERROOF Primer EPDM and wash for pre-treating black EPDM surfaces
- EVERROOF Primer M100 for properly prepared black EPDM surfaces
- EVERROOF Primer M80 Epoxy Primer for metal, wood and masonry
- EVER-CRYLIC Top Acrylic Coating
- EVER-FABRIC 3 oz.
- EVERROOF Webseal with polyester backing
- EVER-CRYLIC Roof Flash, or EVER-THANE® Roof Flash

Consult your EVERROOF representative for project specific requirements

The EVER-CRYLIC SYSTEM provides tenacious adhesion with an existing roof system to form a monolithic membrane.

## 10 YEAR SYSTEM COVERAGE FOR EPDM ROOFS



CEMENTS AND COATINGS  
FOR ROOFING SYSTEMS  
AS TO EXTERNAL FIRE  
EXPOSURE (R27681)



The result is a CRRC rated system that exceeds all Title 24 requirements.

## SYSTEM DESCRIPTION

The EVER-CRYLIC system is comprised of primers and base and top coats to cover and protect your roof:

1. EVERROOF® Primer EPDM, is a single component, liquid applied low viscosity sprayable liquid wash used to pre-treat black EPDM rubber roof membranes prior to power washing and application of primer and roof coating.
2. EVERROOF Primer M100 is a two-component, water-based epoxy primer for properly prepared black EPDM with excellent penetrating and bleed blocking characteristics as well as resistance to ponding water. It has quick recoat time and is low viscosity.
3. EVER-CRYLIC Top is a multi-purpose 100% acrylic elastomeric coating for use as a base and top coat over a variety of substrates. EVER-CRYLIC Top exceeds ASTM D6083 requirements for critical properties such as tensile strength, elongation, wet adhesion and weatherability.

## STORAGE & HANDLING


Keep containers closed, and store in a dry, cool place away from heat, sparks, open flame, and moisture. Keep material stored above 65°F (18°C) and on wood pallets off concrete floors. Open containers should be blanketed with dry nitrogen before resealing.



10 YR QUICK SPEC  
EPDM

EVER-CRYLIC®

## TECHNICAL DATA

<b>Packaging</b>	<b>1 gal can 5 gal pail 55 gal drum</b>
	
<b>Coverage Rate Per Gallon</b>	1.5 gal / 100sq.ft. = 24 wet mils
<b>PHYSICAL PROPERTIES</b>	<b>EVER-CRYLIC TOP</b>
<b>Tensile Strength, ASTM D-2370</b>	200 psi
<b>Elongation, ASTM D-412</b>	310%
<b>Wet Adhesion, ASTM C-749</b>	2 pli
<b>Tear Strength, ASTM D-624</b>	90 pli
<b>Appearance after 1000 Hours, ATSM D-4798</b>	<b>No Cracking or Checking</b>
<b>Elongation after Weathering, ASTM D-2370</b>	175%
<b>Permeance (perms), ASTM D-1653</b>	6 perms
<b>Water Swelling, ASTM D-471</b>	10%
<b>Fungi Resistance, ASTM G-21</b>	Zero Rating
<b>Volume Solids, ASTM D-2697</b>	54% ± 2
<b>Weight Solids, ASTM D-1644</b>	69%

### ADHESION TEST

To ensure successful application of the EVER-CRYLIC system always perform several adhesion tests (ASTM D-903) with the coating to ensure the roof substrate will accept the coating. Do not proceed with coating system without prior testing.

### PRE-INSPECTION

Inspect roof for necessary repairs before application of coating system. Inspection should include but not limited to the following:

- HVAC units and flashings
- Ponding water
- Parapet wall conditions
- Wet or damp insulation
- Sign or display anchorage
- Seams, terminations, transitions, and reglets
- Water leakage
- Substrate damage or disrepair
- Proper drainage and obstructions
- Copings and flashings
- Sleepers and pitch pockets

### SURFACE PREPARATION

1. Remove all unnecessary and non-functional equipment and debris from the roof.
2. Remove dirt and foreign material detrimental to adhesion or application by thoroughly cleaning all roof surfaces with a high pressure (2,000 - 2,500 psi) (13.79 MPa - 17.24 MPa) wash. Surfaces contaminated with oil, grease, animal fats, etc. must be removed using tri-sodium phosphate and water, or other solutions as required by job conditions and as permitted by local and federal regulations. Remove all cleaning solutions with plenty of fresh water and allow to dry.
3. Membranes with seam and flashing failures must be repaired by traditional and professional roofing practices. Tighten and/or replace all existing fasteners, install crickets and complete metal sheet work repairs. Use EVERROOF Primer EPDM to pre-treat all black EPDM. Primer should be applied with an industrial garden pump sprayer at a theoretical coverage rate of 1 gallon per 500 sq. ft. (3.79l per 46.45 m<sup>2</sup>). The roof

substrate must then be carefully pressure washed with water using an approximate working pressure of 2,000 psi (depending on condition of the roof) to remove any remaining dirt, dust, chalking, or loose materials.

4. Prime all wood, metal and masonry areas with EVER-ROOF Primer M80 at a theoretical coverage rate of 1/3 gal per 100 sf @ 5 wet mils, and allow to cure. Detail all roof penetrations, skylights, rake edges, round projections, machine legs, sign posts, guide wire straps, inside and outside corners, gutters, joints, pipes, voids, protrusions and any areas where water could enter through the roof with EVER-CRYLIC or EVER-THANE® Roof Flash and EVER-FABRIC embedded in between layers of wet resin. Clean and seal all drain areas watertight. Webseal may be used where necessary.
5. On all seams apply EVER-CRYLIC or EVER-THANE Roof Flash at a rate of 3.0 gallons per 100 sf @ 50 wet mils minimum and embed EVER-FABRIC in between layers of wet resin. EVER-CRYLIC or EVER-THANE Roof Flash shall extend a minimum of 2 inches on both sides of seam.
6. Allow prepared surfaces to become tack free before proceeding with additional priming or coating application. Note: Thickness values of cured film are averages and can vary due to finish of surface. ALWAYS CHECK THE WEATHER PRIOR TO APPLICATION. Depending on the ambient and substrate temperatures, relative humidity, and dew point precautions should be taken when applying materials if precipitation or freezing temperatures are anticipated. Consult product data sheets. Do not apply over wet insulation or related materials.

### COATING APPLICATION

1. Apply EVERROOF® Primer M100 to the EPDM substrate at a theoretical coverage rate of 1/3 gal per 100 sf @ 5 wet mils, and allow to cure.
2. Apply base coat of EVER-CRYLIC Top at the rate of 1.5 gallons per 100 sf @ 24 wet mils.
3. Apply top coat of EVER-CRYLIC Top at the rate of 1.5 gallons per 100 sf @ 24 wet mils to yield a total of 26 dry mils of coverage (minimum requirement for 10 year warranty). Actual required application rate will depend on system specified and length of warranty.

DO NOT EXCEED 1.5 GALLONS PER 100 SF PER APPLICATION for EVER-CRYLIC Top. This could cause blisters and/or pinholes. Care should be taken to avoid sagging, pinholes, and runs of the coating on vertical, horizontal, and slanted surfaces to prevent sagging. Application rate may need adjusting if coating starts to sag on verticals or higher slopes. Allow base coat and/or top coat to dry 24 hours between coats. Additional coats may be required to achieve required mil thickness. EVER-CRYLIC QS quick set version is available to speed cure time in cool conditions. Actual required application rate will depend on system specified and length of warranty.

Protection: After completion of application, do not allow traffic on coated surfaces for a period of at least 48 hours at 75°F and 50% R.H., or until completely cured.

### EQUIPMENT

Spray Applied - See EVERROOF's Spray Application Guide. Dipped and Rolled - Brushes of various sizes and a 3/8" nap roller should be used when applying on smooth surfaces such as metal.

THIS QUICK SPEC IS MEANT ONLY AS AN OVERVIEW OF INSTALLATION PROCEDURES. IT IS NOT MEANT TO REPLACE THE DETAILED SPECIFICATION REQUIREMENTS THAT APPEAR IN THE LOW SLOPE RESTORATION SYSTEM SPECIFICATIONS. ALWAYS REVIEW THE DETAILED SPECIFICATION PRIOR TO BEGINNING ANY PROJECT. Published technical data and instructions are subject to change without notice. Contact your local EVERROOF® representative or visit our website for current technical data and instructions. Not responsible for typographical errors. REV20240819JD