



# LIFE™

## PRODUCT SPECIFICATIONS



# 8875

## Elastomeric Waterproofing Underseal

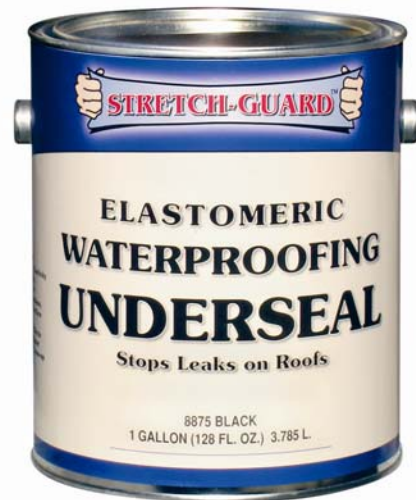
**Description:** Stretch-Guard 8875 Underseal is a premium quality elastomeric coating that forms a flexible, durable, seamless membrane with 800% elongation. This membrane will stretch as the roof expands and contracts due to temperature changes. Designed to resist ponding water, 8875 Underseal is specified to be used to qualify for the Stretch-Guard Roof Coating System Warranty.

### Advantages

- Primes and seals
- Resists ponding water
- Creates a water barrier
- Resists cracking
- Outstanding tensile strength
- Superior flexibility at extremely low temps
- 800% elongation with excellent recovery properties

### Uses

- Composition Roofs
- Asphalt Shingles
- Metal Roofs
- Concrete Roofs
- Flat Roofs
- Rolled Roofs
- Poly Foam Roofs
- Mobile Home Roofs
- Plywood Roofs & Decks
- Flower Pots
- Masonry Block Walls



**Finish:** Low angular sheen

**Package Size:** Gallons, Fives & drums

**Color:** 8875 Black and 8876 Tan

### Important Application Precautions:

Apply on a clear, sunny day when temperatures are between 50° and 100°F.

Do not apply when temperature is expected to drop below 50° F within 24 hours.

Do not apply under foggy weather conditions

Do not apply if rain is forecast within 24 hours of application.

**Coverage:** Coverage depends upon roof condition and system to be applied. 8875 Underseal requires a minimum dry film thickness of 14 mils. This mil thickness can be achieved by applying 1 gallon at 50 sq. ft. A badly deteriorated roof will require additional coats of 8875 Underseal to provide a uniform sealed surface and to seal any pin holes. (See Application Specification Guide.)

## 8875 Elastomeric Waterproofing Undersealer

### Surface Preparation:

Proper roof preparation is essential for successful coating application.

1. The roof surface must be clean and free of all loose and oxidized material, dirt, oil and grease.
2. Thoroughly and carefully use a power blower or a stiff bristle broom and/or power wash the roof surface. (Do not power wash if the roof has any water leaks.)
3. Seam tape all cracks, seams, flashings, skylights, vents, etc. including laps on parapets walls using 8875 Underseal applied at a rate of 50 sq. ft per gallon.

For older roofs and/or roofs with cracking, alligating, failing systems and minor leaks use polyester roofing fabric to reinforce the roof system (See System Guide.) An older roof in poor condition may need a new roof.

Each application should be done in one complete step to form one seamless layer over the total area being covered. Some low sloped roofs may require a complete brush application around all the tab edges. Apply with roller, squeegee, brush or airless spray equipment. If applied by spray, 8875 Underseal must be back rolled. Do not thin. Prior to application of 8875 Underseal, seal all splits, vents, pipes and seams with polyester seam tape and 8875 Underseal.

### 1. Poly-Seam Tape Application

Seam tape over ALL joints, cracks, seams, around vents, over flashings, caps, pipes and skylights, etc. Cracks over 1/16 inch should be cleaned and caulked before reinforcing.

- a. Brush a coat of 8875 Underseal over the joint or seam.
- b. Roll polyester seam tape into the wet Stretch-Guard 8875 Underseal. While still wet, apply another coat of 8875 Underseal over seam tape completely embedding tape in the coating. Allow to dry.
- c. Apply an additional full coat of 8875 Underseal over all seam tape applications. Allow to dry.  
Complete coating the surface at a rate of 1 to 2 gallons per 50 sq. ft to cover and fill in rough surfaces and pinholes.

### 2. Poly-Fabric Tape Application

Apply a liberal coat of 8875 Underseal. While still wet, embed the polyester fabric into the 8875 Underseal. Apply a second coat of 8875 Underseal to saturate the fabric (2 gallons per 100 sq. ft. is required) It is recommended that another coat of 8875 Underseal be applied over dried fabric system to smooth the rough surfaces.

### 3. Top Coat Application

Apply 2 coats of Stretch-Guard 8840 Elastomeric Coating as a finish coats at the rate of 1 gallon per 100 sq. ft. Apply a third coat if desired. Fill all cracks and crevices.

### Heavy Duty Waterproofing System:

1. Seam tape application.
2. Apply primer Coat of 8875 Underseal at 1 gallon per 50 sq. ft.
3. Apply 8875 Underseal embedded in the polyester fabric with 1-2 additional coats of 8875 Underseal.
4. Apply 2 coats of 8840 Top Coat at a rate of 1 gallon per 100 sq. ft.

If products are sprayed, it is recommended that the first coat be back-rolled with a 3/4" nap cover.

Always allow proper drying between coats. (See Dry Time for each product.) Always check for proper adhesion prior to application of next coat.

### Metal Roofs:

1. Prepare the metal roof by removing all loose material, oil, dirt and flaking rust. Clean and/or etch.
2. Spot prime all rusted surfaces with a rust converter/DTM Primer.
3. Seam tape all seams.
4. Apply 1 coat of 8875 Underseal at a rate of 50 sq. per gallon.
5. Apply 2 coats of Stretch-Guard 8840 Top Coat at a rate of 1 gallon per 100 sq. ft.

**Concrete Roofs/Plywood & Walking Decks:** Use the Life Deck Waterproof Walking Deck System for superior durability.

### Urethane Foam Roofs

1. Remove all old delaminating coating
2. Broom and blow clean.
3. **Do not open the roof system.** Patch old blisters and leave surface intact.
4. Seam tape and patch all blisters and sump areas with 8875 Underseal until surface is smooth.
5. Deteriorated foam areas should be coated with 2-3 coats of 8875 Underseal until smooth.
6. In areas of standing water apply 2 coats of embedded fabric with 8875 Underseal with 2 more coats at a rate of 1 gallon per 50 sq. ft.
7. Apply 2 to 3 coats of Stretch-Guard 8840 Top Coat at a rate of 1 gallon per 100 sq. ft.

**Thinning:** Thinning is not recommended

**Drying Time:** Initial cure 8 hours. Allow 8 hours before applying additional coats. Cool and/or humid weather conditions will slow the drying time.

**Clean-up:** Warm, soapy water is recommended

**Additional Product Information:** Application Specification Guide and Warranty Specification Guide.

## Technical Information

**Type:** Elastomeric Acrylic  
**Diluent:** Water  
**Solids Content:** 55-58% by weight  
42-45% by volume  
**Maximum V.O.C.:** 50 grams per liter

**Viscosity:** 115 KREBS units at 77<sup>0</sup> F  
**Flash Point:** >200<sup>0</sup>F  
**Tensile Elongation at Break:** ASTMD2370  
**Moisture Vapor Transmission Perms:** ASTMD96

The maximum V.O.C. of this product does not exceed 50 grams/liter. **WARNING!** If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC.** Contact the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).