

# Roofseal Fabrics



## Properties / Specifications

### Roofseal Fabric

Weight: 2.4 oz/sq yd

Material: 100% polyester

Tear strength:

Machine direction: 7.9 lbs

Cross direction: 10.4 lbs

Bursting strength:

120 lbs/sq in

Tensile strength:

Machine direction: 43.2 lb

Cross direction: 19.1 lb

Elongation:

Machine direction: 15.1%

Cross direction: 24.5%

### Roofseal Ultra Fabric

Construction: 16x8 Leno weave

Weight: 2.3oz / sq yd

Color: Natural

Grab tensile:

Machine direction: 60 lbs

Cross direction: 50 lbs

Trap Tear:

Machine direction: 26.3 lb

Cross direction: 46.6 lb

Shrinkage @ 270 F

Machine direction: 7.9%

Cross direction: 6.3%

## Roofseal Fabric

Roofseal Fabric is used for adding reinforcement to seams, panel overlaps, splits, joints, cracks, protrusions and flashing. It is an easy to handle soft polyester that will readily conform to rough gravel surfaces and standing seam metal roof decks. Roofseal Fabric is typically used with asphalt emulsions like *Ultrarroof 900*, but can also be used as a reinforcement for *Acrylastic 810 White Mastic*, *Acrylastic 510 Roof Coating*, cements, and neoprene sealants.

**Sizes Available: 4" x 324'**

**6" x 324'**

**40" x 324'**

## Roofseal Ultra Fabric

Roofseal Ultra Fabric is a high quality and super-durable reinforcement used in roof restoration systems, repair of roof splits, and base flashing details. Roofseal Ultra Fabric' leno weave gives it superior tensile strength and tear-resistance. Its also allows for water vapors to pass out of coating without blistering, while the coating itself prevents additional liquid water from entering the substrate. This makes Roofseal Ultra Fabric ideal for laying over roofs that have had leaks or have water in the substrate (see" Why Polyester Sheeting?" below). Roll Roofseal Ultra Fabric directly into *Ultrarroof 900 Primer*.

**Sizes available: 40" x 300'**

## Why Polyester Sheeting?

Whenever applying a liquid-applied waterproof coating over a roof system saturated with water, that water will remain trapped. During the warm summer months, this trapped water will migrate upward toward the surface and attempt to escape. Pressure, in the form of water vapor, will push on the elastomeric coating causing blisters to form. Polyester sheeting drastically reduces this blistering. Many people assume that if the roof is allowed to "dry out" during the spring and summer months, by the fall the water within the roof system will have evaporated. This is not always true, as water remains in the roof system for years.

Use Roofseal Fabrics in conjunction with

### **Davlin's Roof Coatings and Products**

**Seamless • Watertight • Fully Adhered**

- Ultrarroof 900 Primer*
- Acrylastic 510 Roof Coating*
- Roofseal Acrylic Elastomeric Roof Coating*
- Roofseal Tropical Roof Coating*
- Sunshield 3800 Top Coat*
- Roofseal Silicone*

- Acryflex 1210 Sealant*
- Acrylastic 810 White Mastic*
- Acrylastic 910 Mastic*
- Roof Leveling Compound*
- Capseal 800 Roofing Mastic Sealer*
- Roofseal Fabrics, Tapes, and Caps*

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made in the USA  
designed by Davlin in California

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# Roofseal Fabric Applications



**For more information on applications of Roofseal Fabrics, please consult Davlin Coatings.**

**Flashings:** Use a three course method over flashing details. First apply *Ultrarroof* 900 by brush or roller 4 inches up flashing and 4 inches over roof. While coating is wet, embed 6 inch *Roofseal* Fabric into coating 3 inches up flashing and 3 inches onto roof. Back roll another coat of *Ultrarroof* 900 over fabric and surrounding roof area. (Three course installation material may change dependent on application.)

**Cracks:** Cracks 1/16 inch or smaller can be bridged with *Ultrarroof* 900, and no special treatment is necessary. Cracks larger than 1/16 inch require special treatment.

*Option 1:* Treat cracks as a seam that needs repair, applying 4-6 inches wide *Roofseal* Fabric into first coat of *Ultrarroof* 900 extending 2-3 inches on either side of crack. Back roll fabric into coating. Allow to dry.

*Option 2:* Fill cracks with *Acrylastic* 910 Mastic before applying *Ultrarroof* 900. Allow 4-8 hours to dry.

**Seams:** Seams in metal roofs that are loose or are susceptible to movement; seams in modified or BUR or Cap roofs that are splitting; and seams in new plywood will all need special treatment. When applying the first coat of *Ultrarroof* 900, embed 4-6 inch wide *Roofseal* Fabric into wet coating, extending 2-3 inches over center of seam that needs treatment. Back roll over fabric area. Allow to dry.

**Leaking Roofs:** Determine if there are presently any leaks in the roof membrane. If there are, *Ultrarroof* 900 must be used in conjunction with a *Roofseal* Fabric over areas where there has been leaks. It is also recommended to cover the entire roof with a *Roofseal* Fabric since it is nearly impossible to pinpoint the exact area that has leaked or to know where the water has travelled to within the substrate.

Embed 18-40 inch wide *Roofseal* Fabric into the first coat of *Ultrarroof* 900 while it is still wet. Overlap sheets by 4 inches. Back roll over fabric. **Caution:** *Ultrarroof* 900 dries quickly, especially in warm and windy weather. Lay small areas of *Ultrarroof* and *Roofseal* Fabric at a time to assure that coating is still wet enough to embed polyester sheeting.

Use Roofseal Fabrics in conjunction with

## **Davlin's Roof Coatings and Products**

**Seamless • Watertight • Fully Adhered**

- |  |  |
|--|--|
| • <i>Ultrarroof</i> 900 Primer                     | • <i>Acryflex</i> 1210 Sealant             |
| • <i>Acrylastic</i> 510 Roof Coating               | • <i>Acrylastic</i> 810 White Mastic       |
| • <i>Roofseal</i> Acrylic Elastomeric Roof Coating | • <i>Acrylastic</i> 910 Mastic             |
| • <i>Roofseal</i> Tropical Roof Coating            | •Roof Leveling Compound                    |
| • <i>Sunshield</i> 3800 Top Coat                   | • <i>Capseal</i> 800 Roofing Mastic Sealer |
| • <i>Roofseal</i> Silicone                         | • <i>Roofseal</i> Fabrics, Tapes, and Caps |

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