

Rubber Seal

Retaining Wall



WATERPROOF • ENERGY SMART • ELASTOMERIC • COATINGS



*Prior to installation, please read the full application procedure.

Rubber Seal: 8 Gallons/SQ (80 mils)

Polyester Fabric

SQ = 100 sq ft

Objective: to create an 80 mil waterproof membrane for a retaining wall using Rubber Seal.

General:

The following is a typical application method for Rubber Seal membrane when applied as a new membrane for below grade waterproofing medium. Each project will have special conditions and these should be identified and addressed separately from this general application method. For any details not covered in these instructions, please contact Davlin before proceeding.

Submittals:

1. Product literature, samples and SDS provided upon request.
2. Samples, data sheets and SDS sheets must be submitted to Davlin of all materials not supplied by Davlin and must be pre-approved by Davlin prior to job start.

Preparation:

Prior to commencement of work, a thorough inspection of the concrete wall should be carried out to determine and confirm the following:

1. All loose concrete, laitance, sharp edges, oil or unusual stains must be removed. If sandblasting is used, all residual sand must be removed from wall.
2. Surface must be free of voids and irregularities. Voids larger than 1/8th inch must be filled with patching mortar.
3. For application to surfaces where curing compounds have been used, contact Davlin before proceeding.
4. All footings must be cleared and cleaned prior to beginning application.
5. Concrete foundation must be fully cured prior to application of the Rubber Seal membrane.

FEATURES & BENEFITS

1000% Elongation

Water-based

Waterproof membrane

UV Resistant

Rust + Corrosion Control

Brush or Roll On

Stops Leaks

Low VOC

Environmentally friendly

Easy Application

10 Year Material Warranty

Made in U.S.A

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Application: 3-coursing angles, seams and penetrations

1. For all angles, seams and penetrations; brush or roll Rubber Seal 6 to 8 inches wide.
2. Embed a 4 or 6 inch polyester fabric into wet Rubber Seal so that it is fully saturated.
3. Brush or roll Rubber Seal over polyester fabric extending 2 to 4 inches past existing Rubber Seal. Allow all 3-coursing to dry to the touch before proceeding (~ 24 hours).

Application: Rubber Seal

1. Beginning with walls brush or roll Rubber Seal in one direction starting at lowest point and working to highest point at rate of 1 gallon per 100 square feet. Allow Rubber Seal to dry to the touch prior to proceeding.
2. Brush or roll Rubber Seal over entire surface in opposite direction at the rate of 1 gallon per 100 square feet.
3. Repeat steps 1 and 2 until total thickness is achieved (8 gallons per 100 square feet).

Notes:

- * When building thickness on vertical walls let Rubber Seal dry to touch before applying next coat to avoid sagging of the membrane.
- * Non selected back-fill requires a protection board or drainage board to be installed prior to filling. Contact Davlin if there are questions on fill material.
- * Minor blistering is common with water-based products. Most blisters subside over time. Large and unsightly blisters should be cut and repaired with polyester fabric and sealed with coating.
- * Cure times can be affected by weather conditions.

Required conditions are 70 F+ and 50% or less humidity.

Given ideal conditions normal cure times are 24-48 hours for the full system. Fans and heaters can be used to accelerate the drying/curing process.