

## APPLICATION INSTRUCTIONS

### 1. Purpose and Scope

The purpose of this document is to establish guidelines for installation of Dymonic® Simple Seal. The techniques involved may require modifications to adjust for jobsite conditions. Consult your local Tremco Sales Representative or Tremco Technical Services for specific design requirements.

This document will provide the necessary instructions for installation of Dymonic Simple Seal to qualify for a manufacturer's warranty.

### 2. Important Notes

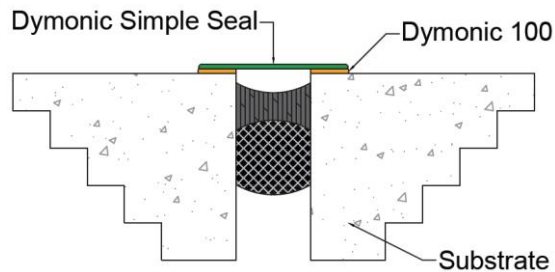
Always perform project-specific field testing to verify adhesion of the sealant to the substrates. Consult the application instructions provided in the Dymonic 100 data sheet to determine proper sealant application procedures.

When applying Dymonic Simple Seal on a vertical surface, apply Dymonic Simple Seal in horizontal joints prior to applying in vertical joints. At intersections between vertical and horizontal joints, the vertical bridge joint will be applied in an overlapping fashion over top of the horizontal bridge joint.

In an effort not to puncture the membrane, ensure additional sealant is applied over mechanical fasteners or other protrusions are located on the substrate along the sealant bond line. Do not puncture the membrane.

### 3. Substrate Preparation

Surfaces must be sound, clean, and dry. Contact surfaces should be free of loose dirt, dust, oils, and any other contaminants. Tremco recommends that air temperature be 40 °F (5 °C) or above before applying any sealant. If colder weather is imminent, please refer to the Tremco Guide for Cold Weather Applications at [www.tremcosealants.com](http://www.tremcosealants.com)



Joint design for failed sealant remediation

Figure 1

### 4. Compatible Materials

Dymonic 100 is the recommended polyurethane sealant to be used as the adhesive. Adhesion to the existing substrate must be confirmed before applying Dymonic 100 Polyurethane sealant.

### 5. Materials Needed

- A wire brush
- A sharp razor blade
- Cleaning solvent (non-porous substrates only)
- Clean, dry, lint-free cloths
- Pressurized water system (optional)
- A compressed air line capable of dispensing pressurized air (optional)
- A roller at least as wide as the Simple Seal extrusion being applied (optional)

### 6. Sealant and Dymonic Simple Seal Application

Apply a continuous bead of sealant in a straight line along the edge of the bonding substrate. The sealant should be sufficiently wide enough that when the Dymonic Simple Seal is applied, the ridges on the material are completely encapsulated in sealant.

Unroll a length of Dymonic Simple Seal approximately the length of the joint to be spanned. Install the Dymonic Simple Seal material with caution to avoid stretching the extrusion as it is embedded into the sealant.

As Dymonic Simple Seal is unrolled, ensure that a clean surface exists at the bonding area. If necessary, utilize the two-cloth cleaning method with xylene to clean the bonding surface of Dymonic Simple Seal.

Align the Dymonic Simple Seal over the joint so the ribbed portions align with the sealant beads and the Dymonic Simple Seal is uniformly spaced over the joint.

Embed the Dymonic Simple Seal in the beads of Dymonic 100 and immediately use a roller to press the extrusion firmly into the polyurethane sealant. If a roller is unavailable or undesirable, a flat, hard material may be substituted and used to gently tap the face of the material, embedding the bonding surface into the sealant.

Cut the Dymonic Simple Seal extrusion at the end of the joint using a sharp razor blade.

Sealant that has wetted out from beneath the extrusion should be tooled to minimize visible sealant lines through the coating to achieve the desired appearance.

### 7. Cleaning

Immediately after the application is complete, remove all excess sealant and smears adjacent to the joint with an approved solvent.

Avoid contact between the cleaning solvent and the functional sealant bead prior to the sealant bead reaching a full cure. Cleaning solvent should come into contact with smears and excess sealant only.

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