Application Instructions

1. Purpose

1.1 The purpose of this document is to establish typical guidelines for installation of Willseal® Seismic SAF-V. The techniques involved may require modifications to adjust to jobsite conditions. Consult your local Willseal or Tremco Sales Representative or Tremco Technical Services for specific design requirements.

2. Scope

2.1 This document will provide the necessary instructions for installation of Willseal Seismic SAF-V to qualify for a manufacturer's warranty.

3. Storage

3.1 Store materials in a dry, enclosed area, making sure materials are off the ground and out of direct sunlight

3.2 Material will expand faster when hot and slower when cold. In cold temperatures, store material in a heated area 24 hours prior to installation. In hot temperatures, store material out of direct sunlight and not in an enclosed storage container where temperatures may exceed 100°F.

4. Substrate Preparation

4.1 Verify that the joint is clean, sound, and will provide an appropriate surface for installation of the joint sealant.

4.2 Use compressed air to clean any loose debris from the joint.

4.3 Apply water or alcohol to a clean cloth and wipe the joint walls to the depth of the sealant material plus 1"

4.4 Verify that the joint is uniform and repair any spalls prior to installation

4.5 Check the material for appropriate length, width, and depth

4.6 Supplied material should be pre-compressed to a size smaller than the intended joint opening.

4.7 Joint depth must allow for the installed material to be recessed 1/4" from the substrate surface

5. Application Procedure

5.1 When fully prepared to install, apply a 1/16" - 1/8" coating of the epoxy mixture to both joint walls using a 1" margin trowel to a depth of the sealant material plus 1/2".

5.2 The epoxy must still be wet upon installation of Willseal Seismic SAF-V; The working time for epoxy is approximately 30 minutes depending on the temperature.

5.3 If the epoxy hardens on the surface of the substrate before installation, another coat of epoxy can be applied within 2 hours. After 2 hours, the substrate surface must be abraded to eliminate the amine blush that occurs during the final cure.

5.4 Cut the shrink packaging along the edge of the Masonite strapping.

5.5 Verify that the material is cut square at both ends for proper seams; all pieces must be square to the termination point

5.6 Pay attention to the direction of insertion marked on the packaging

5.7 Be prepared to install the material immediately once the packaging is removed to prevent the material from expanding past the joint width. For joints under 4" wide remove the pressure-sensitive adhesive (typically white) liner to activate the adhesive.

5.8 Recess joint 1/4" from the substrate surface

6. Joints, Sidewall and Finishing Work

6.1 Verify that the new piece of material is cut square and not at an angle to the previous piece installed

6.2 Apply supplied joint splice adhesive to the butt end of the new piece of material

6.3 Do not apply joint splice adhesive to the faces of the product that are in contact with the sidewall adhesive

6.4 Overlap extra material (approximately 1/2" - 1") at seams and splices to ensure that the seam is in compression after installation

6.5 Make sure seams are flush against each other and then push the pieces together

6.6 Butt seam all "T" and "+" intersections

6.7 Once the joint is installed, run and tool a ¼" bead of the supplied pick resistant sealant along both sides of the face of the joint along the substrate face

6.8 Run and tool the supplied pick resistant accessory over all seams and transitions to allow for a clean, aesthetic finish

6.9 Remove any excess adhesive material left on the surface of the material substrate; do not allow the excess adhesives to cure.

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Please refer to our website at www.wilseal.com for the most up-to-date Application Instructions.

Willseal, A Tremco Affiliate Brand

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