

Expansion Joints/Sealants

DS153

PRODUCT DESCRIPTION

The sizing of expansion joints and selection of sealants for use in weatherproofing of buildings utilizing Dryvit® systems and products is the responsibility of the project architect and/or engineer. Dryvit details addressing joints represent typical and/or general conditions and are presented in good faith by Dryvit Systems, Inc. Dryvit assumes no responsibility for joint design or selection of sealant.

A number of sealants have been tested by sealant manufacturers and have been found to be compatible with Dryvit products.

These sealants are:

Tremco, Inc.

Sealant: Spectrem 1, Spectrem 3 and Spectrem 4

Primer: TREMprime Silicone Porous Primer*

Pecora Corporation

Sealant: Dynatrol II

Primer: Type 75 or 150*

Pecora Corporation

Sealant: 890 FTS or 890 NST

Primer: 150

Sika Corporation

Sealant: Sikaflex 2C

Primer: Sikaflex 429*

Dow Corning

Sealant: Dow Corning 790, 791**, 795**

Primer: Dow Corning 1200* Prime Coat

*Primer is for sealing Dryvit to Dryvit. For sealing Dryvit to other materials, consult with sealant manufacturer.

**Dow Corning 791 and 795 are intended to be used as perimeter seals around penetrations. They are not intended to be used when sealing Dryvit to Dryvit.

INSTALLATION

1. Use skilled mechanics for installation of sealant system.
2. Follow sealant manufacturer's installation instructions.
3. Use fresh sealant materials that have arrived at the job site in their original unopened containers.
4. Inspect joint for proper design in accordance with contract documents, Dryvit Systems, Inc. published details, and sealant manufacturer's recommendations, regarding width, depth, location, substrate, primer, etc. Report discrepancies to architect and correct deficiencies prior to installation of sealant system.
5. Make sure all joints are clean and free of all foreign matter such as moisture, frost, dust, sealers, release agents, paints, etc. before installation of sealant system.
6. Install sealant system only when climate conditions (temperature, humidity, etc.) meet sealant manufacturer's recommendations.
7. Protect adjacent materials, including Dryvit system, from damage during installation of sealant system. Mask adjacent areas as required.
8. Allow Dryvit system materials to cure prior to sealant application.
9. Apply a coat of color coordinated Dryvit Demandit® Smooth or Color Prime™ into the joint. Allow at least 24 hours to dry before application of the sealant primer. Do not return Dryvit finish into the sealant joint.
10. Install primer, bond breaker and backer rod as specified. Allow primer to cure. Remove primer overspill.
11. Mix sealant per manufacturer's instructions.
12. Apply sealant with gun or knife as appropriate, using proper nozzle and technique. Sealant should completely fill joint cavity to backer material and be in intimate contact with substrate.



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13. Tool surface of bead after sealant application, as to leave a neat-appearing, smooth, wrinkle-and-sag-free surface without pockets or imbedded impurities, smears or width variations and in total contact with joint sides.
14. Remove sealant from all soiled surfaces.
15. Protect sealant from damage during curing.
16. Use closed cell material for back-up rods.

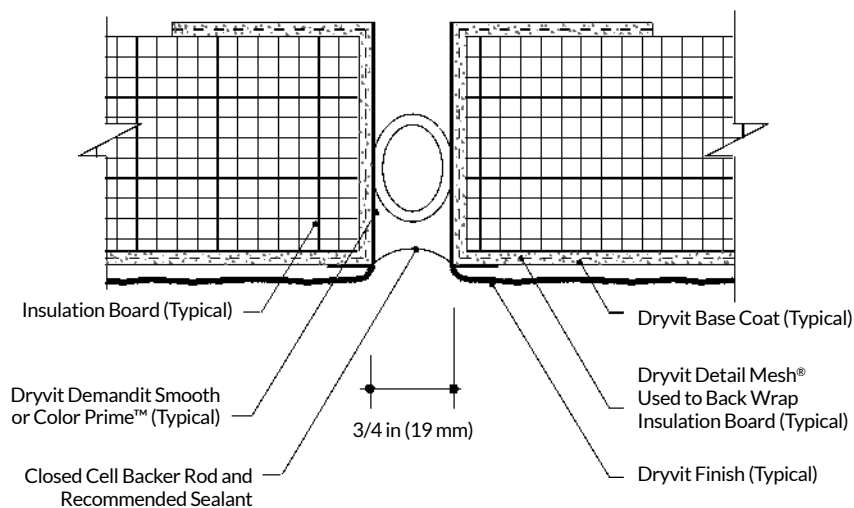
Cautions and Limitations

Prior to applying sealant, ensure that the base coat is the cementitious type; Dryvit NCB is not recommended to embed reinforcing mesh at EPS edges that will receive sealant.

Notes

- Demandit Smooth or Color Prime will be applied into the joints prior to applying finish to the face of the wall.
- Demandit Smooth will be color matched to the finish and will be extended onto the face of the wall.
- If the sealant is recessed, the finish must be brought to the face of the sealant.
- Sealant must cover all transitions between the finish coat and Demandit Smooth.

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Information contained in this product sheet conforms to the standard detail recommendations and specifications for the installation of Dryvit Systems, Inc. products as of the date of publication of this document and is presented in good faith. Dryvit Systems, Inc. assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, contact Dryvit Systems, Inc.

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