



S JOINT Secondary Joint Seal

PRODUCT OVERVIEW

ENDURIT S Joint is commonly used as a secondary seal in vertical and horizontal expansion joints and exterior panel systems. When used as a backup system for sealant installations, the ENDURIT S Joint system will function as a secondary seal for the sealant material. Where a truly fail-safe system is required; utilize ENDURIT S Joint as a double layered sealing system independent of the wet sealant material.

PRODUCT ADVANTAGES

- Dual seal independent of the primary sealant
- Allows up to 100% joint movement (+/-50%)
- Precompressed for ease of installation
- Excellent compression recovery
- A watertight secondary seal

LIMITATIONS

- Do not install in wet conditions
- Do not use in submerged conditions
- Do not unwrap material until ready to install
- Do not use in roof applications
- Store materials at room temperature

DESCRIPTION

ENDURIT S Joint is composed of polyurethane microcell foam waterproofed with a hydrophobic flame retardant, modified acrylic. When installed in a properly sized joint, ENDURIT S Joint forms a watertight, dust-proof, airtight, sound dampening urethane insulated seal. It is permanently resilient and will expand and contract with the movement of the joint under varied weather conditions. The dramatic difference is behind the wet sealant and backer rod assembly is the ENDURIT S Joint Secondary Sealing System that goes in the joint in a precompressed state, but performs as superior sealant, independent of the surface caulking.

INSTALLATION

Surfaces to be sealed must be sound, dry, clean and free of oil, grease, laitance, rust and other foreign material that would prevent proper adhesion. Excessive moisture will defeat the self-adhesive application advantage of the tape but will not lessen the effectiveness of the expanded material as a seal.

Remove dirt and other loose particles. No priming or masking is required.

To install: DO NOT open material until ready to install. When ready to install rolled material remove outside liner and the first 2" of material. Insert the seal into the joint gap by pressing the ENDURIT S Joint to the side of the joint gap.

For stick packaged material remove shrink wrap and masonite strapping. Remove white release liner on both sides to expose adhesive. Press adhesive side firmly against one side of full length of joint. ENDURIT S Joint will then expand to fill the joint. The rate of expansion is dependent on the temperature to which the material is exposed.

When installing ENDURIT S Joint in extreme heat, store in a cool place to give the installer sufficient time for placement.

Installation instructions are available from BESSERN and are included with the supplied material.

When installing ENDURIT S Joint leave sufficient space for wet sealant and, if needed, backer rod materials.

Ends of ENDURIT S Joint can either be mitered or butted. When mitering or butting leave an extra 1/2" of material at each end to ensure proper sealing characteristics.

TECHNICAL SERVICES

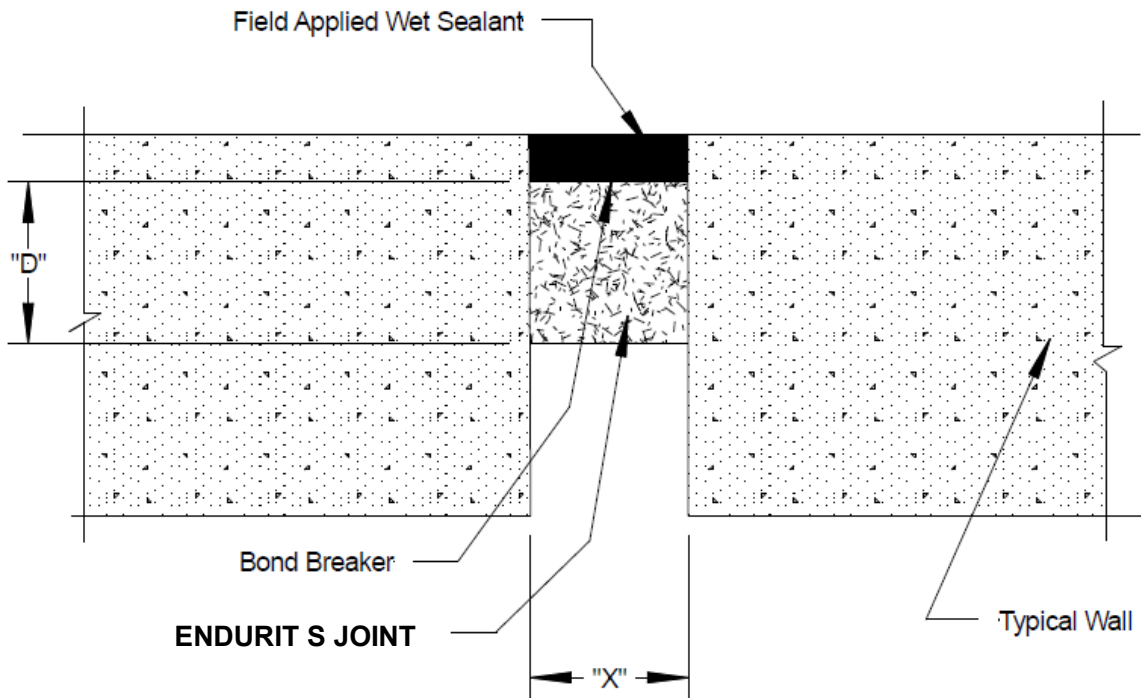
Analysis of particular project requirements and recommendations for the proper use of ENDURIT S Joint are available from BESSERN and local representatives. Call 484-234-5035 or fax your detail to 484-234-5037.

PHYSICAL PROPERTIES

Density	10 lb./cu. ft. (160 kg/m3)
Thermal Resistance ASTM C518	3.3 hr-°F-ft3 /Btu
Temp. Stability Range	-40°F to 212°F
Thermal Conductivity	0.05W/m. °C
Tensile Strength	meets 21 psi min.
Elongation ASTM 3574,	125% ±20%
Resistance to Compression Set ASTM 3574,	Max 2.5%
Mildew Resistance ASTM 3574,	Excellent
Flammability UL94VO	Self Extinguishing
Flame Spread , ASTM E84	0
Flash Point	590°F (310°C)
Water Resistance ASTM E547 & ASTM E331	12psf

WARRANTY

BESSERN warrants that its products are manufactured free of defects and conform to the technical data listed. Under this warranty we will replace, at no charge, any material proven defective when applied in accordance with our written instructions for applications recommended by us as suitable for subject product. BESSERN shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of the product.



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