

TremSEAL™ EJ

Pre-compressed, self-expanding foam joint sealant for roofing expansion joints



FEATURES & BENEFITS

Low volatility	Easy cleanup: no solvents, no cartridges, no pails
Never under tension or cohesion strain	Compatible with most porous or sensitive substrates
Minimal surface prep and no priming required	Depth of seal can be changed to increase R-value
Impregnated with a modified flame retardant	
“Breathable” (vapor permeable)	
Can be applied in various weather and temperature conditions	

DESCRIPTION

TremSEAL EJ is a pre-compressed, self-expanding foam joint sealant for use in roofing expansion joints.

Designed to accommodate high movement while still maintaining a tight seal throughout the life of the expansion joint, TremSEAL EJ foam joint sealant is easy and quick to install. For various types of roofing expansion joints including roof to wall and both low and high profile joints, TremSEAL EJ foam joint sealant, combined with an approved weatherproof flashing system, replaces traditional expansion joint backing materials and reduces labor steps down to one installation such as replacing a single ply pocket with fiberglass insulation or backer rod.

BASIC USES

- Low profile and raised expansion joints
- Modified Bitumen (MB) ridge repair
- Roof to wall expansion joints

PACKAGING

For joint sizes:

- 1" - 17 linear ft/roll; 8 rolls per case
 - 1.5" - 13 linear ft/roll; 8 rolls per case
 - 2" - 7 linear ft/roll; 6 rolls per case

STORAGE

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

COLOR

Black

SET-UP/EXPANSION TIME

Material will self-expand in one direction to fill the joint depending on the storage and ambient temperature. Material will continue to expand and equalize in the joint. This can take an additional day or two depending on temperature. See the times below as a general reference.

Approximate time to expand into the void if exposed to direct sunlight; may be slightly faster and slower in shaded areas.

- 37°F (3°C) - 5+ hrs
- 50°F (10°C) - 1 hr
- 68°F (20°C) - 10 min
- 86°F (30°C) - 5 min
- 104°F (40°C) - 1 min

APPLICATION

TremSEAL™ EJ

Suggested Tools:

Tape measure, spatula/putty knife, scissors or knife

Substrate Preparation:

1. Check the material for appropriate length, width and depth.
2. Supplied material should be pre-compressed to a size smaller than the intended joint opening.

Application Procedure:

1. Keep TremSEAL EJ foam joint sealant taped and compressed in roll until ready for installation.
2. When ready for installation, cut the first 2 inches from the front end of the roll.
3. Remove paper lining to expose self-adhesive backing and install self-adhesive side to interior of joint wall. TremSEAL EJ foam joint sealant will self-expand to the opposite joint wall and fill the joint.
4. If the self-adhesive backing is too sticky, it can be temporarily neutralized by spraying the TremSEAL EJ foam joint sealant with water.
5. Install TremSEAL EJ foam joint sealant so the top surface is flush with the rest of the joint for low profile expansion joints. For raised expansion joints, install TremSEAL EJ foam joint sealant so the top surface is raised 1/4" to 1/2" above the expansion joint. TremSEAL EJ foam joint sealant will self-expand to fill the joint and will continue to expand until it has reached equilibrium.

Finishing Work:

TremSEAL EJ foam joint sealant will self-expand to fill the joint; its expansion time is relative to the temperature of the joint seal. This process requires additional time depending on temperatures. TremSEAL Pro or TremSEAL S can be used as detail sealants, if required. After TremSEAL EJ has been applied in the expansion joint, install a Tremco approved flashing system as referenced in TremSEAL EJ detail drawings. For more information on these materials, please contact your local Tremco Roofing Sales Representative.

LIMITATIONS

Avoid contact of TremSEAL EJ with hydrocarbon solvents and corrosive chemicals.

TremSEAL EJ cannot be used where standing or ponding water will occur.

Not for use in below grade applications. (Contact your local Tremco Roofing sales representative for more information.)

PHYSICAL PROPERTIES

PHYSICAL PROPERTY	DESCRIPTION	
COLOR	Black	
TEMPERATURE STABILITY RANGE		
Short Term	-40°F (-40°C) to 248°F (120°C)	
Long Term	-40°F (-40°C) to 194°F (90°C)	
IDEAL STORAGE TEMPERATURE	68°F (34°C)	
PHYSICAL PROPERTY	TEST METHOD	TYPICAL RESULTS
Tensile Strength	ASTM D3574	21 psi min ¹
Elongation	ASTM D3574	120% +/- 20%
Compression Set	ASTM D3574	4.2% max
FIRE TESTING		
Flame Spread	ASTM E84-12B Class A	5
Smoke Development	ASTM E84-12B Class A	5

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PRECAUTIONS

Users must read container labels and Safety Data Sheets for health and safety precautions prior to use.

TECHNICAL SUPPORT

Your local Tremco Roofing sales representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications.



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