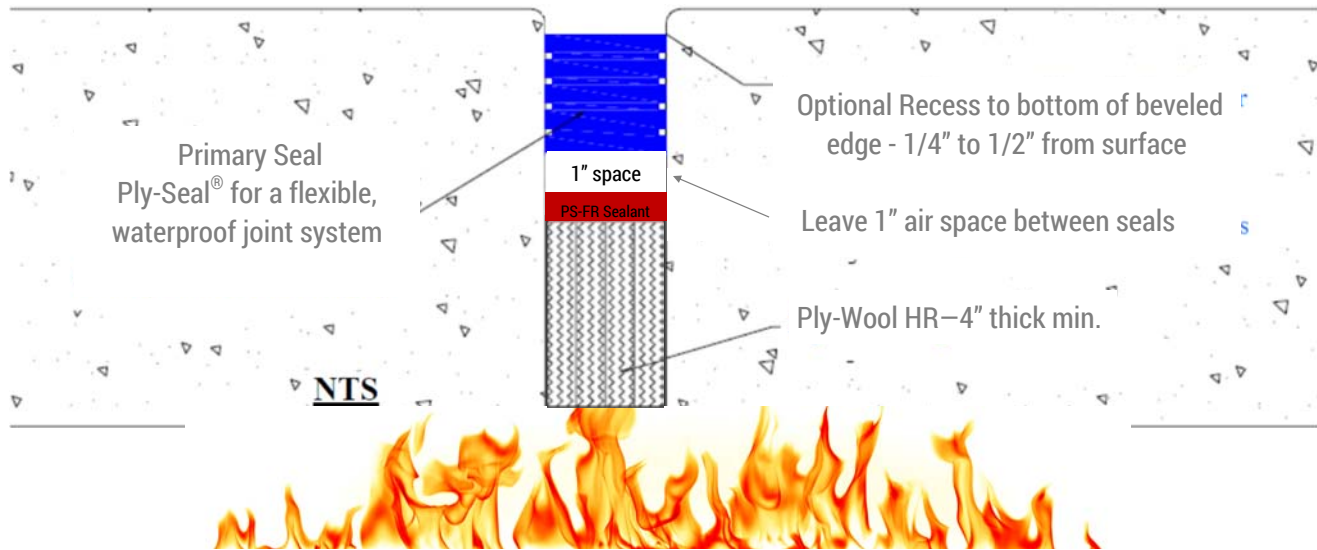


Ply-Seal® FR Joint Systems

Technical Bulletin



ANSI/UL 2079 System # FF-D-1023 Class II
3 Hr. Fire Stop with Added Waterproof Joint Seal

Ply-Seal® FR Joint System is a fire-rated expansion joint system that consists of **Ply-Wool HR** mineral wool and **PS-FR Sealant** fire-rated silicone with **Ply-Seal®** pre-formed closed-cell joint seal. When installed, this system provides a resilient fire-rated waterproof joint.

Key Features

- Provides a two and three-hour UL fire rating without the need for mechanical anchoring
- Accommodates irregular joint openings while providing moisture protection
- Ideal for installation in horizontal and vertical applications such as ceilings, roofs, walls, and floors
- Idea for seismic applications
- Easy to install
- Economically priced

Installation Procedures

1. **Ply-Wool HR**— Minimum 4" thick compress width 33% minimum during installation. Adjoining lengths of **Ply-Wool HR** shall be tightly-butted with butted seams spaced no more than 24" apart along the length of the joint.
2. Cover **Ply-Wool HR** with nominal 1/4" thickness of **PS-FR Sealant** to provide a fume block.
3. Install the waterproof **Ply-Seal®** 33% larger than joint gap with top 1/4 to 1/2" from floor surface.

Uses

- Parking Garages
- Commercial/Industrial Structures
- Stadiums
- Medical Facilities
- Retail Stores
- Mass Transit

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