

GRAYDAZE CONTRACTING

Nationwide Coatings
&
Sealant Installations

PRE-COMPRESSED JOINT SEAL

Why?

When a vertical expansion joint is larger than 2" in width, it is recommended to install a pre-compressed joint seal, also known as a hybrid sealant or seismic joint material, rather than a liquid applied sealant.

Installation of the typical "caulk and backer rod" can result in future failures due to the size and movement of the expansion joint. These failures can result in loss of a weather tight seal and leave the joint exposed to exterior conditions such as pest or moisture intrusion.

How?

To ensure a properly sealed and protected joint and eliminate the potential failures of a liquid sealant application, installation of a seismic joint material is highly suggested. The seismic joint material consists of a factory applied, low modulus silicone on an open cell polyurethane foam anchoring system. When fully compressed, the factory applied sealant creates bellows which fold and unfold during movement virtually free of tensile stresses.

PRE-COMPRESSED JOINT SEAL

Potential Problem: Liquid applied sealants do not have the elasticity or capability to withstand the movement associated in an application of a vertical expansion joint that is 2" wide or larger. Over time, the sealant can potentially fail due to the limitations of handling this type of movement and stress.

The Solution: Installation of a precompressed seal by a professional installer to vertical expansion joints which are wider than 2". The pre-compressed seal will have greater performance while providing a weather tight seal, thermal insulation, 100% movement capability, UV stability, and standard and custom color availability.

The Result: Pre-compressed joint seals come in many standard and custom colors to provide the finish that is required with the long lasting performance unlike any other system. Pre-compressed joint seals provide a cost effective, long term weather tight alternative to inferior sealant systems.

