

# PRE-FORMED SILICONE SYSTEMS

## Perm-A-Shield

### Description

The Perm-A-Shield System is a pre-cured, elastomeric, silicone seal system that has ultra-low, modulus, RTV-cured, silicone extrusions that are primarily used for sealing expansion joints and are bonded to substrates using silicone sealants as adhesives. Because of the unique properties of Perm-A-Shield, these extruded shapes are used as permanent sealing solutions where other materials have failed time and time again. Perm-A-Shield is manufactured from 100% silicone, using a revolutionary, patented process specifically designed for maximum production, flexibility, and product variety.

Failed or rotted joint sealant, leaky skylights, leaky windows, open cracks in building cladding, flashing leaks, leaking roof lap joints, and under-sized joints are all frustrating problems encountered in weatherproofing. Fortunately, for many of these problems, there is a permanent remediation option available: Perm-A-Shield Preformed Silicone Joint Seal. The unique properties of this product make it ideally suited for a great variety of applications. When properly applied, it will provide an economical, attractive, and permanently watertight sealing solution.

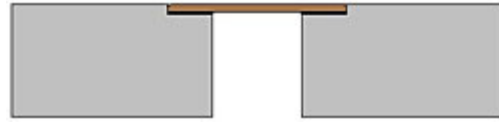
In remedial applications, there is no need to cut and grind out the failed sealant. Simply apply Perm-A-Shield adhesive over the top of the failing joint, crack, or leak, and then apply the continuous strips of silicone onto the wet bed. This approach is especially effective when working with soft or sensitive substrates, where grinding and removal of the failed sealant can cause even more costly damage to the substrates. As a result, total project time and project cost may be dramatically reduced. Perm-A-Shield rolls of material are readily available in many standard sizes, colors, and finishes to fit the needs of most any project.

### Features and Benefits

- Easy to use
- Low stress design. Ideal for floor to wall cove details, roof joint sealing, vertical riser conditions, curtain walls, or anywhere a wet seal could be used.
- Sizes to accommodate widths from ½” to 12” wide.
- Multiple texture and color selections

### Examples of Possible Joint Designs

**Example 1:** Simple bridge type joint design with prefabricated recesses in the substrates for flush installation of the preformed joint seal.



**Example 2:** Architectural joint design in concave configuration to help hide unsightly expansion joint details.



**Example 3:** Architectural joint design in concave configuration with prefabricated recesses in the substrates for “snap in assisted” flush installation of the preformed joint seal.

