

ImmerSeal®

Preformed Silicone Sealant

ImmerSeal® is an ultra low modulus, preformed silicone profile designed to handle extremely high movement joint applications while exerting very low forces on the substrate. Due to the unique properties of **ImmerSeal®**, this extruded product is used as a sealing solution in applications where other materials have failed time and time again.

ImmerSeal® is manufactured from 100% RTV silicone rubber using a revolutionary patented process specifically designed for maximum production flexibility and product variety.



Key features of ImmerSeal® include:

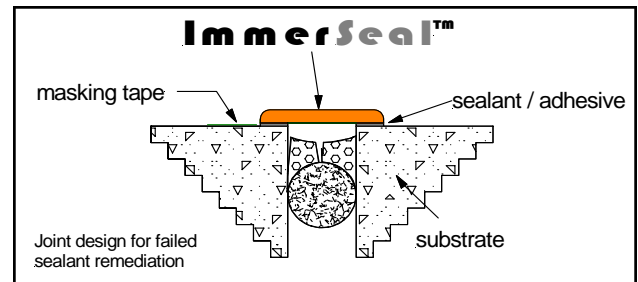
- More economical than cutting out and resealing failed sealant joints
- Beneficial for use in high movement joints, including extremely narrow joints, where conventional sealing materials will fail
- 100% silicone formulation is certain to last longer than organic materials
- Useful in repair applications where removing old sealant is undesirable due to the presence of hazardous materials in the sealant or substrate
- Effective on soft and sensitive substrates, such as EIFS, where failed sealant cannot be removed without damaging the substrate
- Exerts much lower forces on bond areas than standard sealing materials
- Higher movement capability (+200%/-75%) than any other sealing option
- Successfully seals joints where other sealant materials are ineffective, such as butt joints with insufficient joint depth for bonding of wet applied sealant
- Custom designed extrusions can be used on complex and difficult to seal joints, such as inside and outside corners, parapet caps and window mullions
- Ability to handle multi-directional movement (expansion, contraction & shear)

Other features of ImmerSeal® include:

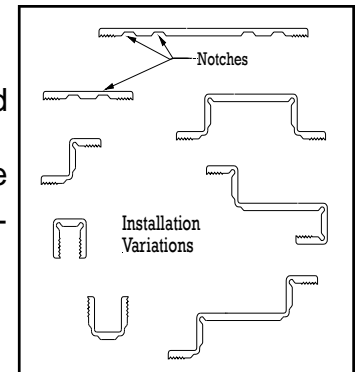
- High tear resistance
- Exceptional resistance to tear propagation
- Ease of installation
- Color fast formulation
- Wide operational temperature range
- Insensitivity to UV or weathering
- Thin adhesive layer allows for rapid cure and early movement of substrates

ImmerSeal® extruded profiles have been specifically designed as sealing solutions for numerous applications including, but not limited to:

- Expansion joint seals
- Window perimeter & mullion seals
- Curtainwall system joints
- Skylights
- Roofing seals and flashing
- Seals for RV, marine & transportation applications
- Fillet beads for showers/tubs
- Seals for HVAC systems



ImmerSeal® is available in standard sizes ranging from 1” to 12” wide in standard 2 mm thickness. In addition, custom design profiles, widths and thicknesses are available. The material can also be produced with notches for sealing corners and other more complex shapes. The unique product features and design capabilities make **ImmerSeal®** pre-cured silicone extrusions ideally suited for a great variety of applications.



ImmerSeal® is produced with a matte surface and is available in the following colors:

Standard Colors

- White
- Black
- Gray
- Bronze
- Sandstone

Special Colors

- Limestone
- Charcoal
- Blue Spruce
- Red Brick
- Adobe Tan
- Precast
- Pale Pink

Custom Colors: Available upon request

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