



Orazen Extruded Polymers
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Orazen Extruded Polymers (OEP) Building/Sill Seal responds to settling, shrinkage and warping. Years after installation, the building seal will maintain an airtight seal during expansion and contraction in varying temperatures and humidity. Available in 3" and 5" widths, OEP's building seals will fit 2" x 4" and 2" x 6" applications.



Orazen's Building/Sill Seal

- Stays flexible for life, unlike sealants and caulk which lose the ability to respond to movement
- Has an indefinite shelf life
- Compresses easily without permanent deformation ("compression set")
- Designed to seal under heavy loads
- Elasticity to contour to surfaces
- Exceptional air sealer in contrast to competitors that allow airflow
- Eliminate need for waterproofing between wood and masonry or concrete foundation
- Fills the gaps; water and air-tight seal at the meeting point between uneven surfaces
- Continuously sealing; responds to settling, shrinkage and warping for years.

[Click here to view this relevant industry video](#)
#tightisright

OEP engaged an independent company to analyze our building seal against Styrofoam sill seals from competitors Owens Corning® and Dow®.

The Compression Deflection Test demonstrates that OEP's building seal requires 3.5 - 7 times as much force to compress compared to the competitors. Ultimately, OEP's building seal provides a better sealing force when compressed.

Compression Deflection Testing

Test Method: ASTM D1056

	Orazen	Owens Corning®	Dow®
	Building Seal	Pink Sill Seal	Blue Sill Seal
0.5 in/min	7 psi to reach 25% deflection	1 psi (25% deflection)	2 psi (25% deflection)

During the Water Absorption Test, the products were submerged in water for 70 hours at 120°F (49°C). OEP's building seal did not retain moisture when exposed to water. There was no weight change. Comparatively, the Styrofoam sill seals had a significant increase in volume in weight; retaining moisture when exposed.

Water Absorption Testing

Test Conditions: Distilled water, 70 hours at 120°F (49°C)

	Orazen	Owens Corning®	Dow®
	Building Seal	Pink Sill Seal	Blue Sill Seal
% Volume Change	11%	311%	379%
% Weight Change	0%	42%	47%