

Fast and effective weathersealing options



WEATHERSEALING VERSATILITY

Dow Corning®
123 Silicone Seal



Effective, Attractive, Versatile *Dow Corning*[®] 123 Silicone Seal



AV03748

The Paragon Building
Tampa, Florida

Problem: Decorative aluminum panels over a leaking curtainwall interior

Solution: Dow Corning[®] 123 Silicone Seal

Result: Repairs were made without removing a single panel. The building looks great, the leaks are history, and the Dow Corning[®] 123 Silicone Seal expands and contracts with the aluminum panels under the hot Florida sun.

Dow Corning[®] 123 Silicone Seal was designed as a fast, efficient way to repair failed building weatherseals without having to remove the old caulk. This long-lasting, attractive and extremely versatile alternative to wet sealants has found many innovative uses in new construction as well.

The *Dow Corning* 123 Silicone Seal sealing system consists of a preformed silicone extrusion or custom shape that can be bonded to a wide variety of construction substrates using *Dow Corning*[®] 795 Silicone Building Sealant or other recommended *Dow Corning*[®] brand sealants, such as *Dow Corning*[®] 791 Silicone Weatherproofing Sealant.

Dow Corning 123 Silicone Seal and *Dow Corning* sealant work together to produce a strong, flexible (ultra-low-modulus) weatherseal with extremely high movement capability (up to +200/-75 percent).

The system also can be used in conjunction with *Dow Corning*[®] AllGuard Silicone Elastomeric Coating to give it more complete weatherproofing protection.

Ideal for both remedial and new construction applications

Dow Corning 123 Silicone Seal helps you meet some of the toughest weathersealing challenges:

- Repair failed building weatherseals
- Restore Exterior Insulation Finish Systems (EIFS)
- Seal thin metal curtainwalls
- Seal aluminum window leaks
- Seal joints subject to extreme movement
- Seal parapets, wall intersections, coping joints and transitions, skylights, and window perimeter joints



SWRI approved

Effective and attractive EIFS restoration



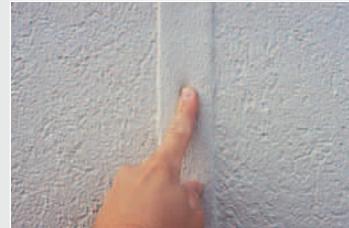
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Failed urethane sealant in EIFS joint

When sealants fail on EIFS-clad buildings, leaks and interior damage typically result. *Dow Corning 123 Silicone Seal* was designed as an alternative to traditional removal and recaulking methods.

On this EIFS wall, *Dow Corning 123 Silicone Seal* was applied over the vertical expansion joints and adhered with *Dow Corning 795 Silicone Building Sealant*. The pre-formed silicone seal spanned the failed

joints, eliminating tedious (and potentially damaging) sealant removal. The entire building was then protected and its appearance revitalized with *Dow Corning AllGuard Silicone Elastomeric Coating* technology.



AV03886

EIFS joint restored using Dow Corning® 123 Silicone Seal

Easy as 1-2-3 to apply

Ensure that the substrate around the joint is clean and dry; masking is recommended. Apply a bead of *Dow Corning* sealant on each side, then roller the *Dow Corning 123 Silicone Seal*, tool the edges and remove

the masking. That's all there is to it, whether you're installing a new seal or repairing a failed one.



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In EIFS applications, there's no need to cut out the old seals – a costly, labor-intensive step that can damage soft EIFS cladding. When *Dow Corning 123 Silicone Seal* is properly bonded over any failed joint, you not only stop leaks, but you also save time by eliminating the sealant removal step.

Custom designs ... the possibilities are endless

Dow Corning 123 Silicone Seal extrusions can be custom-designed in special widths with special grooves or notches so you can bend them around or into almost any angle for smooth corners and transitions.

Dow Corning® 123 Silicone Seal Custom Designs H.C.

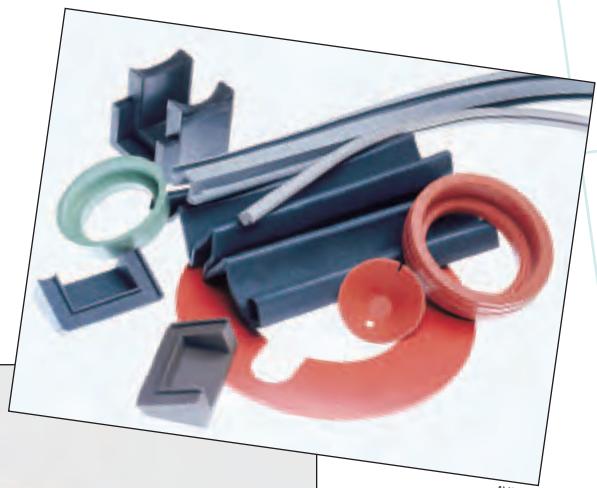
For more complex applications, Dow Corning offers *Dow Corning®* 123 Silicone Seal Custom Designs H.C. Made of high-consistency silicone rubber, *Dow Corning* 123 Silicone Seal Custom Designs H.C. can be custom-molded into many sizes and shapes for additional uses. Choose from 12- to 36-inch translucent or pigmented silicone calendered sheets; complex custom extrusions with single or dual durometers; and custom, three-dimensional molded silicone rubber shapes.

With the wide range of durometers and colors available with *Dow Corning* 123 Silicone Seal Custom Designs H.C. molded shapes, there is virtually no end to what you can do:

- Create aesthetically pleasing weep-hole covers, corner shapes and other custom finish pieces
- Design molded parts for specific sizes and shapes
- Enhance window systems
- Create splice joints for curtainwall applications
- Repair failed weatherseals and zipper gaskets

We can match almost any color. Challenge us with your color requirement.

Two different tear-resistant formulations (general purpose and high tear) are available in a range of colors and durometers to meet your unique aesthetic and performance needs.



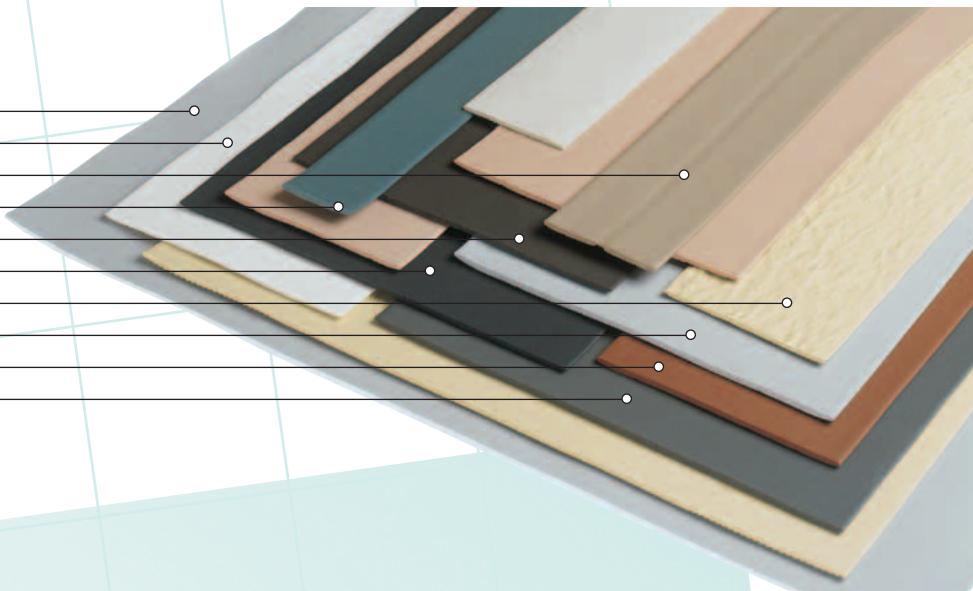
A wide range of colors, textures and widths

To ensure an attractive, substrate-matching seal, *Dow Corning 123 Silicone Seal* is available in both matte and textured finishes in six standard building colors, as well as custom colors.

Dow Corning 123 Silicone Seal is supplied in 100-foot rolls in widths ranging from 1 to 6 inches in $\frac{1}{2}$ -inch increments and from 7 to 14 inches in 1-inch increments.

Gray*
White*
Adobe Tan
Blue Spruce
Bronze*
Black*
Sandstone*
Limestone*
Rustic Brick
Charcoal

*Standard color



AV05692



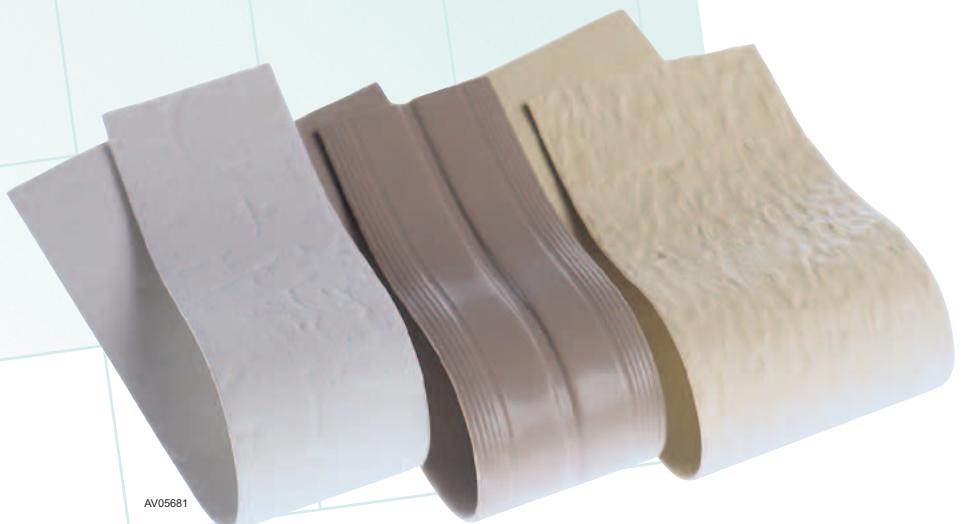
Trimont Condominiums
Pittsburgh, Pennsylvania

Problem: Recurring water leaks around the window frame members and balcony doors

Solution: Dow Corning® 123 Silicone Seal and Dow Corning® 795 Silicone Building Sealant

Result: Repairs were made with minimal disturbance to the residents. And since the installation of Dow Corning 123 Silicone Seal, the Trimont has been subjected to heavy rains and record-breaking snow – but, according to the building manager, not a single leak.

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Backed and warranted by Dow Corning

Dow Corning 123 Silicone Seal and *Dow Corning* 123 Silicone Seal Custom Designs H.C. are backed by Dow Corning Corporation, the global silicone technology leader with more than 60 years of silicone experience. Across the worldwide construction industry, Dow Corning is known for high-performance products, reliable product supply and outstanding technical support.



A 10-year Limited Weatherseal Warranty is available from Dow Corning to give you even greater peace of mind.

Put *Dow Corning* 123 Silicone Seal to the test

With custom colors, textures, widths, designs and performance properties, *Dow Corning* 123 Silicone Seal offers weathersealing versatility. Put it to the test in your next weathersealing project.

For more information

To learn more about *Dow Corning* 123 Silicone Seal or Dow Corning's custom color and design capabilities, contact a Dow Corning sales representative or product distributor. For the name of a distributor in your area, call **1 877 SEALANT** (1 877 732 5268).

Or, visit the Dow Corning construction website at **dowcorning.com/construction**. The website offers downloadable information about the materials and support available from Dow Corning, a product finder, application troubleshooter, and other useful tools.

How to contact us

Dow Corning has sales offices and manufacturing sites, as well as science and technology laboratories, around the globe. Telephone numbers of locations near you are available at **dowcorning.com** or by calling one of our primary locations listed below.

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