Dow Performance Silicones

DOWSIL™ 756 SMS Building Sealant

Clean Sealant Technology Minimizes Staining, Reduces Dirt Pick-Up

Ideal for porous stone, masonry, painted metals and glass

Building exteriors of granite, limestone, marble and composite panels create a landmark of modern design. But these distinctive substrates bring challenges in long-term aesthetics, particularly with regard to weathersealing. Traditional sealant technologies, prone to fluid migration, often stain sensitive substrates with fluid rundown and may become discolored from dirt pick-up. Rub-off of sealants may result in streaked glass following simple maintenance activities, such as window washing.

Dow, the leader in silicone technology for the construction industry, offers a solution using a proprietary-formulation surface-modified silicone (SMS) technology. The technology provides DOWSIL™ 756 SMS Building Sealant with a low-friction surface that reduces dirt pick-up while significantly reducing fluid migration that could lead to staining. The cured sealant has an aesthetically appealing dry, matte finish, yet the low-friction surface feels surprisingly slippery to the touch, revealing its dirt-resistant quality. And its low rub-off avoids aesthetic problems during window washing and maintenance. DOWSIL™ 756 SMS Building Sealant also is available with a transferable 20-year limited warranty from Dow to give you peace of mind.

Excellent weatherability; non-reverting silicone durability

Unlike the five- to seven-year lifespan of some “clean” urethane sealants, DOWSIL™ 756 SMS Building Sealant offers the long-life performance inherent to silicone sealants. Urethane sealants provide “cleanliness” at the cost of their own destruction. Over time, the surface of urethane sealants cracks and degrades, thinning the sealant, eventually leading to possible joint failure.

With Dow’s SMS technology, the performance remains consistent, with no sealant degradation. The sealant’s unique surface continues to repel dirt better than any other silicone available.

DOWSIL™

DOWSIL™ 756 SMS Building Sealant

Competitive Sealant

Compared with competitive sealants, DOWSIL™ 756 SMS Building Sealant continues to demonstrate superior dirt pick-up resistance after six weeks of outdoor exposure.

Durable performance backed by industry-leading warranties

DOWSIL™ 756 SMS Building Sealant is a 100 percent silicone sealant that provides ±50 percent extension/compression in a properly designed joint – performance that is independently validated by the Sealant, Waterproofing and Restoration Institute (SWRI). It creates a durable, weather-resistant seal with a dry, matte finish that not only protects, but complements, building aesthetics. And Dow backs these benefits with the assurance of available weathersealing and nonstaining warranties.

Easy-to-apply, one-part primerless performance

Specifiers and applicators alike will appreciate the simplicity of a sealant that adheres unprimed to both porous materials and non-porous substrates. DOWSIL™ 756 SMS Building Sealant is a one-part material that offers primerless adhesion to brick, precast concrete, granite, glass, anodized aluminum, aluminum composites, painted substrates, EIFS finishes and fluoropolymer-painted substrates and metals. Its low-stringing silicone formulation provides all-temperature gunnability and good working and tooling time.

SWR INSTITUTE SEAL OF VALIDATION
Sealant, Waterproofing & Restoration Institute-©1995

DOWSIL™ 756 SMS Building Sealant is particularly effective for sealing expansion and central joints, metal panel joints, curtainwall joints, joints between natural stone and perimeter seals around window frames.

Wide color selection

DOWSIL™ 756 SMS Building Sealant is available in:

- Standard colors – Adobe Tan, White, Limestone, Gray, Bronze and Black
- Special colors (sausages only) – Anodized Aluminum, Sandstone, Champagne, Natural Stone, Aluminum Gray, Medium Gray and Charcoal
- Special-order catalog colors – The Dow Color It Right program gives you expanded color choices, enabling DOWSIL™ 756 SMS Building Sealant to be custom-pigmented to complement your design. Sealants are ready to ship in just three business days, are supplied in convenient sausage packaging and can be ordered in small order quantities. Ask your authorized Dow distributor for further information.
- Custom colors – Available upon request; consult your authorized Dow distributor for details.

Chip and bead cards are available upon request.

Aesthetics, performance and solutions from one source

With Dow, you benefit from our decades of construction industry expertise, our global service and technical support resources, and customized construction services. From sealants to total building system solutions, Dow provides the choices to solve your challenges.

For more information about DOWSIL™ 756 SMS Building Sealant or the Color It Right program, or for the name of the Dow construction materials sales representative or product distributor in your area, visit consumer.dow.com/construction. The Dow construction website offers product and application information, a product finder, and other useful tools.

Method	Test	Unit	Result
	As Supplied		
	Color		Adobe Tan, White, Limestone, Gray, Bronze and Black. Special colors: Anodized Aluminum, Sandstone, Champagne, Natural Stone, Aluminum Gray, Medium Gray and Charcoal.
ASTM C 679	Tack-Free Time, 50% RH	hours	2
	Curing Time, 50% RH at 25°C (77°F)	days	7-14
ASTM C 639	Flow, Sag or Slump	inches (mm)	0.1 (2.54)
	Working Time	minutes	30
	As Cured – After 21 days at 25°C (77°F)		
ASTM D 2240	Durometer Hardness, Shore A	points	30
ASTM D 412	Ultimate Tensile Strength	psi (MPa)	200 (1.4)
ASTM D 412	Ultimate Elongation	percent	1,200
ASTM C 794	Peel Strength, unprimed to glass, fluoropolymer coatings and brick	ppi (kN/m)	> 25 (4.38)
ASTM C 1248	Staining/Migration, white marble		None
ASTM C 719	Joint Movement Capability, glass, other	percent	±50

Typical properties. Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow sales representative prior to writing specifications on this product.

For more information

Learn more about Dow's full range of building solutions, including service and support, at **dow.com/buildingscience.**

Dow has sales offices, manufacturing sites and science and technology laboratories around the globe. Find local contact information at **dow.com/contactus.**

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