



Consumer Solutions

DOWSIL™ 121 Structural Glazing Sealant

DOWSIL™

Fast-cure structural silicone sealant simplifies installation, reduces repair time



Meet Industry Standards

- ASTM C719 Class 25 (G, A, O)
- ASTM C1184 Structural Sealant Specification

Features/Benefits

- Easy-to-use, 1:1 mix ratio for simplified dispensing
- Fast, 24-hour cure
- Available in black and gray, 400 ml (2 × 200 ml)/13.5 fl. oz. (2 × 6.8 fl. oz.) cartridges
- Suitable for structural glazing and weathersealing¹
- Provides primerless adhesion to glass, alodine and anodized aluminum²
- Adheres to DOWSIL™ structural sealants for reglazing applications
- Achieves adhesion and structural strength in 24 to 48 hours³
- 20-year Structural Adhesion Limited Warranty available



Façade contractors and manufacturers now have a high-performance solution to the challenges posed by slow-curing one-part sealants, mixing challenges of multipart sealants and limited movement capability of tapes. DOWSIL™ 121 Structural Glazing Sealant answers those challenges with a fast-cure, easy-to-install formulation.

DOWSIL™ 121 Structural Glazing Sealant is a neutral-cure, RTV silicone sealant ideal for repair or replacement of structurally glazed glass and other substrates. It is equally suitable for on-site structural glazing – including storefront systems or attachment of panel stiffeners – as it is for in-shop structural glazing.

Easy-to-use, user-friendly dispensing

Featuring a unique 1-to-1 (“121”) mix ratio, DOWSIL™ 121 Structural Glazing Sealant is supplied in a two-part cartridge, complete with a static mixer. Whether for

repair, restoration or new construction, contractors will appreciate this simplified solution that both eliminates the need for specialized pumps and mixing equipment and minimizes quality assurance issues.

Enhanced productivity

Compared with one-part sealants, DOWSIL™ 121 Structural Glazing Sealant offers increased efficiency and productivity.

- Repairs can be completed in just one day (24 hours) compared with 14-21 days
- Swing stage rental is reduced from one month to two days

Superior performance

DOWSIL™ 121 Structural Glazing Sealant leverages silicone benefits for better performance than organic weatherseals and structural tapes, offering durable, UV-resistant, long-life performance and excellent movement capability.

¹ All structural glazing applications MUST be reviewed by the technical staff at Dow. If their recommendations are followed, Dow will issue a project-specific structural adhesive warranty.

² Certain sealing materials used in the anodizing process may increase the potential for use of primer to gain adhesion within a 24-hour period. DOWSIL™ Primer C is recommended for fast and consistent adhesion, especially to Kynar, polyester powdercoat and other high-performance substrates approved for architectural structural glazing applications.

³ Adhesion must be confirmed prior to removing temporary attachments or shipping to the job site. In general terms, glazed units can be moved or temporary attachments removed within 24 hours, depending on the temperature and relative humidity (RH). DOWSIL™ 121 Structural Glazing Sealant can achieve the necessary strength and adhesion properties in 24 hours when applied and cured at 23°C and 50% RH. Check adhesion before moving units.

Service and support from a trusted source

To assist with your building project needs, Dow offers a full range of project services, including blueprint reviews of structural joint designs, as well as an available 20-year Structural Adhesion Limited Warranty.

Contact us

With more than 50 years of construction industry experience, Dow High Performance Building solutions has developed a wide range of proven materials for structural and protective glazing, weatherproofing, insulating glass, window and door fabrication, high-efficiency insulation, and building materials protection. Learn more about DOWSIL™ 121 Structural Glazing Sealant and our full range of construction industry solutions, including service and support, at consumer.dow.com/construction.

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

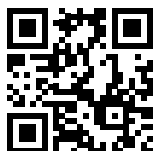


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Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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