

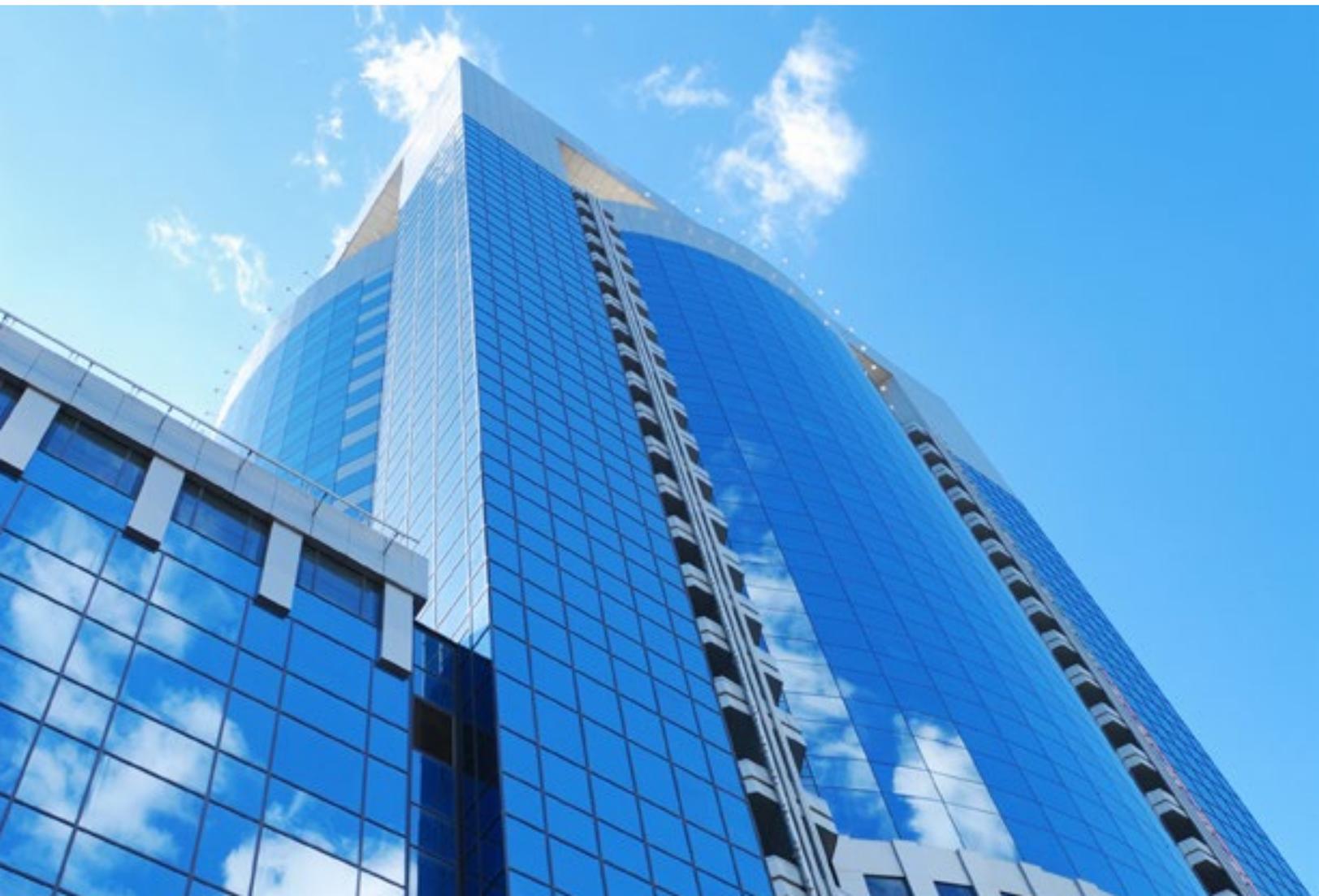


High Performance Building

Consumer Solutions

DOWSIL™ Professional Silicone Sealants

DOWSIL™



Product Selection Guide

Structural Glazing		
<p>DOWSIL™ 983 Structural Glazing Sealant</p>	<ul style="list-style-type: none"> • Approved for structural glazing applications • Meets ASTM C1184 • Meets ASTM C719 Class 25 • 25% movement capability • Improved productivity • Low VOC formula 	<p>DOWSIL 983 Structural Glazing Sealant is designed for factory glazing and curtain wall production. It is a two-part, neutral cure silicone sealant. Once cured, this structural sealant forms a durable, flexible and watertight bond. It has excellent unprimed adhesion to most glass, chromated and anodized aluminum and many painted aluminum surfaces. A primer may be required for fast and consistent adhesion to polyester powdercoat and fluorocarbon coatings and other high performance coated substrates approved for architectural structural glazing applications.</p>
<p>DOWSIL™ 995 Silicone Structural Sealant</p>	<ul style="list-style-type: none"> • Approved for structural glazing applications • Meets ASTM C1184 • Meets ASTM C-920 • Meets ASTM C719 Class 50 • 50% movement capability • Successfully tested for use in protective glazing applications • Excellent weathering characteristics and a high resistance to UV, heat and humidity 	<p>DOWSIL 995 Silicone Structural Sealant is a one-component neutral-curing silicone sealant designed specifically for structural bonding applications of glass and metal in factory or field situations. This high ultimate tensile strength sealant is ideally suited for structural bonding and protective glazing applications. It has excellent unprimed adhesion to wide range of substrates including coated, enameled, and reflective glasses; anodized and polyester coated or painted aluminum profiles including most fluoropolymer based paints such as Kynar®. It meets global standards for structural glazing.</p>
<p>DOWSIL™ 795 Structural Glazing Sealant</p>	<ul style="list-style-type: none"> • Approved for structural glazing applications • Meets ASTM C1184 • Meets ASTM C-920 • Meets ASTM C719 Class 50 • 50% movement capability • Ease of use — all-temperature gunnability and easy tooling • Excellent weathering characteristics and a high resistance to UV, heat and humidity 	<p>DOWSIL 795 Structural Glazing Sealant is a one-component neutral Silicone sealant designed for site or factory glazing and curtainwall production. It requires contact with air as it reacts with atmospheric moisture to cure to a tough but flexible silicone rubber. DOWSIL 795 Structural Glazing Sealant can be used where dual structural and weatherseal applications are desired. It has up to +/- 50% movement capability in a well-designed weatherseal joint. It has excellent adhesion to a wide range of substrates, including glass, anodized and coated aluminium profiles.</p>

Insulating Glazing		
<p>DOWSIL™ 982 Silicone Insulating Glass Sealant</p>	<ul style="list-style-type: none"> • Cures to form a durable, high modulus, weather tight seal • Excellent unprimed adhesion to a wide range of coated glasses and aluminium and steel spacers • Structural capability as secondary sealant for insulating glass units used in structural glazing • Non-slump formulation suitable for manual and automated glazing • Fast curing • Neutral cure • Excellent temperature stability from -50°C to 150°C • Outstanding resistance to ozone and UV radiation • Low shrinkage (<5 percent) 	<p>DOWSIL 982 Silicone Insulating Glass Sealant is intended for use as a secondary sealant in dual-sealed insulating glass units. A primary seal of polyisobutylene is required to prevent moisture vapor transmission into the airspace in the insulating glass unit. DOWSIL 982 Silicone Insulating Glass Sealant can bond the individual components of the insulating glass unit to form a weather-resistant unit capable of being certified for industry standards. Conformance can be confirmed by an independent test laboratory in accordance with industry standard. DOWSIL 982 Silicone Insulating Glass Sealant can also be used as the secondary edge seal in insulating glass units that will be structurally glazed.</p>

Weathersealing and Cladding

<p>DOWSIL™ 791 Silicone Weatherproofing Sealant</p>	<ul style="list-style-type: none"> • 50% movement capability • Neutral cure – suitable for use on coated glass, galvanized steel, masonry and other porous and non-porous substrates • Meets ASTM C920 • Meets ASTM C719 Class 50 • Excellent weathering characteristics and a high resistance to UV, heat and humidity 	<p>DOWSIL 791 Silicone Weatherproofing Sealant is a specified, premium performance weather sealing product specifically designed for general glazing and weather sealing in curtain wall and building facades. It is a one component, neutral cure sealant with 50% movement capability and an excellent unprimed adhesion to a wide variety of construction materials and building components. This makes it ideal for expansion, connection, perimeter and other movement joints.</p>
<p>DOWSIL™ 991 Silicone Hi-Performance Sealant</p>	<ul style="list-style-type: none"> • Non-staining on natural stone and reduces residue rundown on metal and glass panels • One-part easy to use formulation • 50% movement capability • Excellent weathering characteristics and a high resistance to UV, heat and humidity • Excellent unprimed adhesion to most building substrates 	<p>DOWSIL 991 Silicone Hi-Performance Sealant is a medium-modulus elastomeric silicone sealant designed for weatherproofing. It is specially formulated to prevent staining of porous substrates such as natural stone and minimize streaking on metal panels and glass. It forms a durable, flexible, watertight bond with most building materials and can be used for new and remedial construction applications. Sensitive natural stone, glass and metal panels.</p>
<p>DOWSIL™ 688 Glazing and Cladding Sealant</p>	<ul style="list-style-type: none"> • 25% movement capability • Bonds to most common construction materials without use of primer • Excellent recovery from extension and compression • Ease of application – ready to use as supplied • Good weatherability – it is virtually unaffected by sunlight, rain, humidity or temperature extremes • Long life reliability 	<p>DOWSIL 688 Silicone Glazing and Cladding Sealant is a one-part neutral cure silicone sealant designed for a wide range of glazing, weathersealing and professional caulking applications. It will bond to form a strong weatherproof seal on most common building materials. It is a construction grade sealant that easily extrudes in any weather</p>

Primers

<p>DOWSIL™ 1200 OS Primer</p>	<ul style="list-style-type: none"> • Improves adhesion of silicone sealants to many substrates • User friendly with low VOC – meets SCAQMD rule 1168 	<p>DOWSIL 1200 OS Primer is used to improve adhesion and accelerate adhesion build-up of silicone sealants to various substrates. This moisture curing primer is supplied as a dilute solution of reactive materials in low viscosity siloxane.</p>
<p>DOWSIL™ Primer-C OS</p>	<ul style="list-style-type: none"> • Improves adhesion of silicone sealants to many substrates, especially plastics and Fluoro paints • User friendly with low VOC – meets SCAQMD rule 1168 	<p>DOWSIL Primer-C OS is an adhesion promotor for silicone adhesives and sealants offering a low VOC and unique fluorescing feature, allowing for a visual quality control check to ensure primer has been applied. It improves sealant adhesion to plastics</p>
<p>DOWSIL™ Construction Primer P</p>	<ul style="list-style-type: none"> • Improves adhesion of silicone sealants to masonry, stone, concrete, and metal surfaces • Film-forming primer resists adhesion degradation due to water immersion 	<p>DOWSIL Construction Primer P is an adhesion promotor suitable for use on porous substrates such as natural stone, masonry and glass fiber-reinforced concrete</p>

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