

DOWSIL™ Crystal Clear Spacer

A breakthrough in full vision glazing

DOWSIL™ Crystal Clear Spacer is a fully cured, pre-formed transparent silicone spacer for use in the assembly of air-filled insulating glass for glass doors (entrance doors, commercial refrigerator doors), interior applications and glass panels requiring full vision.

Developed to help meet the growing trend for full vision glazing, new DOWSIL™ Crystal Clear Spacer can be applied on opposite sides of air-filled glass units to increase the range of vision. Easy to apply, it offers both durability and an enhanced aesthetic appearance. As an example, the use of DOWSIL™ Crystal Clear Spacer can be advantageous when applied to commercial refrigerator doors where product presentation and visibility in a retail environment is highly desirable.

DOWSIL™ Crystal Clear Spacer should be applied following the use of DOWSIL™ R-40 Universal Cleaner and DOWSIL™ 1200 OS Primer which are recommended for glass surface preparation. Please refer to the DOWSIL™ Crystal Clear Spacer Application Guide for comprehensive instructions, material handling and quality guidelines. Dow Technical Specialists will assist with guidance on spacer dimensions and the development of a comprehensive quality control program specific to your organization.

Features and benefits

- A durable soft silicone spacer which is simple and easy to position and install
- Good flexibility – low risk of glass breakage
- Crystal clear glass edge for high light transmission and improved aesthetics
- Different spacer dimensions can be provided to meet specific design requirements
- Increased productivity – ease of installation saves time and money when compared to rigid tape fixed spacers
- Chemical adhesion to glass for greater durability
- No discolouration
- Excellent UV, temperature variation and ozone resistance
- Compatible with all DOWSIL™ facades silicones including the full range of insulating glass sealants, structural glazing, and weather sealants



Applications

- Opposing seals of insulating glass units used for windows, glass doors, glass panels*
- Crystal clear vertical seals of refrigerator doors and side elements*

*Example of typical design: vertical seals with crystal clear spacer, top and bottom horizontal seals with any suitable standard spacer and suitable secondary sealant. DOWSIL™ 3362, DOWSIL™ 3363 insulating glass silicone sealants may be used as a secondary sealant.

Edge protection is recommended where DOWSIL™ Crystal Clear Spacer has been assembled without a secondary sealant. DOWSIL™ 2400 Assembly Sealant can be used in some applications as a secondary sealant to afford greater protection to the outward facing edge of the crystal clear spacer. Please contact your Dow Technical Specialist for further advice.



For more information

Learn about Dow's full range of High Performance Building solutions, including service and support, at dow.com/construction.

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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