DOWSIL™ 3362 Insulating Glass Sealant

Creative glazing and facade construction with silicone sealants

Key features

Design and aesthetics

- Enables thermal efficient facades
- Structural capability as secondary sealant for insulating glass units used in structural glazing
- Sealant available in black, white and different grey shades*

*please refer to our color card

Durability and reliability

- Resistant to UV and ozone
- Excellent stability through wide temperature range
- Excellent performance and service-life

Proven and tested

- European Technical Approval (ETA 03/0003 – ETAG 002)
- Meets sealant requirements according to EN1279 parts 4 and 6 and EN13022
- Insulating Glass Units manufactured with DOWSIL™ 3362 Insulating Glass Sealant consistently fulfill EN-1279 Part 2 and 3 for Air and Gas filled Units



The external facade of the world's most inclined high rise building, the Capital Gate in Abu Dhabi, comprises approximately 12,500 triangular shaped insulating glass units which form more than 720 diamond shapes

Description

- Two-component, neutral curing silicone formulation
- For the manufacture of high performance insulated glass units
- High level of mechanical properties
- Odorless and non-corrosive cure

Typical applications

Secondary sealant in insulating glass units:

- For residential and commercial use
- For gasfilled insulating glass units
- With high levels of UV exposure (free edge, green house, etc.)
- Incorporating specialty glass types
- Where high heat or humidity may be encountered
- In cold climates
- For IG units used in structural glazing

Available colors* for DOWSIL™ 3362 Insulating Glass Sealant

Black

Dark grey

Middle grey

Light grey

White

DOWSIL™ 3362 Insulating Glass Sealant meets European standard (ETA 03/0003 – ETAG 002) in all color shades. Fast and easy catalyst color change in production will be supported by DOWSIL™ 3535 Catalyst Cleaner.

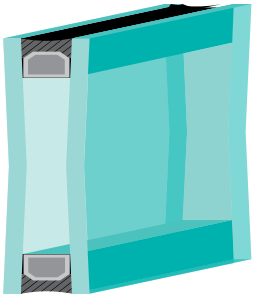
*The colors shown on this card will be obtained through a mixing ratio (base : curing agent) of 10:1 by weight or 8:1 by volume. Other ratios may lead to different color results. This color card is only intended for reference use. Custom colors may be available upon request.

Please consult consumer.dow.com/construction for further information.

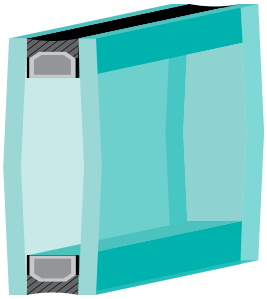
cold climate
phB
CERTIFIED COMPONENT
Passive House Institute

DOWSIL™ 3362 Insulating Glass Sealant is certified according to Passive House Component-ID 1410sp02

Improved thermal efficiency with insulating glazing



Deflection of IG unit under high air pressure outside or with low temperature in cavity



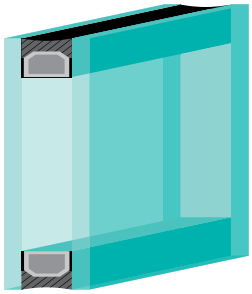
Deflection of IG unit under low air pressure outside or with high temperature in cavity

Silicone secondary sealants are capable to withstand different climatic loads. They keep the IG unit together, independent from potential glass deflection.

Climatic loads are one fact amongst others that needs to be considered when calculating joint sizes for insulating glass units.

Main functions of Insulating Glass Units

- View through/light transmission
- Durability
- Noise control
- Protection against fire, bomb blast, earthquake, etc.
- Insulating properties and low heat transmission
  - Heat protection inside - out
  - Sun protection outside - in
  - Heat transmission at the edge - “warm edge”



Standard double IG unit under normal conditions

DOWSIL™

Image: gettyimages_501869647

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer’s tests to ensure that our products are safe, effective and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

Dow’s sole warranty is that our products will meet the sales specifications in effect at the time of shipment.

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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