

DOWSIL™ 335 Butyl Sealant

Primary sealant for insulating glass

DOWSIL™ 335 Butyl Sealant is a heat applied, Polyisobutylene for use as the primary seal in double or triple glazed insulating glass in commercial and residential applications. It is suitable for high performance glazing systems, particularly where elevated temperatures are anticipated in warmer climates.

Features and benefits

- Suitable for insulating glass designs using warm-edge spacers and standard spacers manufactured from plastic, metal or combinations of both.
- Available in black and special black.
- The special black is matched to DOWSIL™ 3362 Insulating Glass Sealant and DOWSIL™ 3363 Insulating Glass Sealant for a homogeneous colour and improved aesthetics at the glass edge.
- DOWSIL™ 335 Butyl Sealant is suitable as the primary seal in air and gas-filled double and triple insulating glass units and meets the requirements according to EN 1279 in an IG system. DOWSIL™ 335 Butyl Sealant Special Black meets the requirements of CEKAL. As valid for any other technology, a proper application and fabrication of the insulating glass unit is required.
- Temperature resistance of DOWSIL™ 335 Special Black up to 95-100°C - no evidence of trickles or flows within the insulating glass*
- When stored between +10°C to +30°C, DOWSIL™ 335 Butyl Sealant is ready to use. DOWSIL™ 335 Butyl Sealant has a shelf life of 36 months from date of production provided it is properly stored in its original packaging.
- Gas permeability:
Special Black = $36.47 \times 10^{-3} \text{ g} \cdot \text{m}^{-2} \cdot \text{d}^{-1}$
Black = $11.70 \times 10^{-3} \text{ g} \cdot \text{m}^{-2} \cdot \text{d}^{-1}$
- Water vapour transmission rate:

Special Black = 0.01	$\frac{\text{grams H}_2\text{O}}{\text{m}^2 \cdot 24\text{h} \cdot 2 \text{ mm}}$
Black = 0.05	$\frac{\text{grams H}_2\text{O}}{\text{m}^2 \cdot 24\text{h} \cdot 2 \text{ mm}}$
- Good physical adhesion to glass and a variety of warm edge and standard spacers.
- Solvent-free and odorless.



- Compatible with the DOWSIL™ range of neutral façade silicone materials.
- Application temperatures between 125-145°C.
- Can be applied with common IGU butylisers.

Colours and sizes

- DOWSIL™ 335 Butyl Sealant is available in a black and special black
- Supplied in 7.4 kg foil cylinders, which are fitted at the base with an aluminium plunger. Other container sizes can be made available upon request.

For further information, please refer to the DOWSIL™ 335 Butyl Sealant Black and DOWSIL™ 335 Butyl Sealant Special Black technical datasheets and the DOWSIL™ Insulating Glass Technical Manual EMEA.

* Beyond the performance of the butyl sealant, at these temperatures, the functionality and integrity of the insulating glass must be validated through specific tests carried out by accredited/notified laboratories.

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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