

JS780 S

BUTYL INNER SEALANT

TREMCO
Lasting Performance



KEY BENEFITS SUMMARY

- Flexibility over a large operating temperature range (including low temperatures)
- High ultraviolet resistance
- Very good adhesion on glass and composite films
- No fogging
- Extremely low moisture and gas permeability
- Very easy to use

PRODUCT INFORMATION

Description

JS780 S is a one-component polyisobutylene-based product, specially developed for the manufacturing of IG units composed of a pre-extruded flexible spacer.

Area of use

- JS780 S is specially formulated to provide a barrier to moisture and gas (inner barrier) in the design of IG units composed of a pre-extruded flexible spacer.
- JS780 S is not suited for the conception of IG units with rigid spacers.
- Please consult us beforehand for any triple glazing applications.

Packaging

- 7 Kg cylinders
- 180 kg drums

Storage

In dry conditions between +5°C and +25°C.

Service life

In original unopened packaging:
24 months

Implementation

- JS780 S can be applied with extrusion machines that are commonly used in the insulating glass industry at a temperature of +110°C to +130°C depending on the desired pressure and extrusion speed.
- Wearing gloves is recommended while handling frames to prevent any fatty materials from being deposited on the surfaces, since this could weaken adherence and even create fogging.

- Apply a regular and continuous strip following a minimum pre-established thickness.
- Compression must ensure regular and sufficient deformation of the JS780 S strip.
- Pay particular attention to the continuity of JS780 S strip in the corners.

Caution

JS780 S compatibility is warranted with TREMCO IG sealants. It has to be checked for any other sealant.

Compliance and Approvals

- JS780 S is registered in the CEKAL data base.
- JS780 S is part of IG units that comply with EN 1279-2 and 1279-3.
- The product is characterized following the EN 1279-4 et EN 1279-6.
- The check of compliance from LRCCP (laboratory designated by the organization CEKAL) shows the means implemented by tremco illbruck to maintain the conformity of our product to the data mentioned in our technical data sheets.

Safety precautions

The Technical and Safety Data Sheets must be read and understood before use.

Service

Our team of technicians remains at your disposal for any further information.

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Note

The information in this document is provided for informational purposes and are non-binding. Technical data are not expressly warranted characteristics of the goods.

Because the variety of material used, the variety of application processes and the variety of conditions of use are beyond our control, preliminary tests are strongly recommended before any order.

The manufacturer reserves the right of modifying the technical characteristics of its products at any time.

The warranty policy of these products is exclusively governed by our general terms and conditions of sales. tremco illbruck can not be held liable based on the general information given by this document.

TECHNICAL DATA

| CHARACTERISTICS | STANDARDS | VALUES |
|--|--------------|------------------------------------|
| Type | | Polyisobutylene |
| Color ¹⁾ * | | Black |
| Density ¹⁾ * | ISO 1183 | 1.07 |
| Needle penetration value ¹⁾ | NF EN 1426 | 52 ± 5 1/10 ^e mm |
| Volatile content* | EN 1279 - 4H | 0,08% |
| Moisture vapor transmission rate | EN 1279 - 4D | < 0.5 g/(m ² 24h, 2mm) |
| Argon gas permeability | EN 1279 - 4D | < 0.03 g/(m ² 24h, 2mm) |
| Extrusion temperature | | +110°C to +130°C |

¹⁾ At 23°C, 50% relative humidity

* Typical values



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