

PROSYTEC**INSULATING
GLASS****JS 680**

INNER SEALANT FOR I.G. UNITS MANUFACTURING

KEY BENEFITS SUMMARY

- Flexible at low temperature
- High UV resistance
- Excellent adhesion to glass, aluminum, galvanised steel and composite material
- Regular extrusion
- Retains flexibility over a wide range of temperatures
- Extremely low moisture and gas permeability
- No condensate

CONFORM TO EN 1279 PARTS 2 AND 3

DESCRIPTION

JS 680 is a one-component polyisobutylene sealant, especially developed for the I.G. Unit manufacturing.

USAGE/PURPOSE

JS 680 is used as inner sealant (barrier to moisture and gas) in insulating glass units.

CHARACTERISTICS

PENETRATION VALUE 50 (± 5) 1/10e mm

SPECIFIC GRAVITY 1,13

MVTR (Moisture Vapor Transmission Rate)
(According to EN 1279-4C)
< 0,1 g/(m².24h.2mm)ARGON GAS PERMEABILITY
(According to EN 1279-4C)
< 0,001 g/(m².h.2mm)VOLATILES CONTENT 0,08%
(According to EN 1279-6G)

METHOD OF APPLICATION

JS 680 is processed with standard extrusion machines currently used in the I.G. industry. Extrusion temperature must be between 100° and 130°C, according to the pressure and the extrusion speed expected.

JS 680

Recommandations of use:

- It is recommended to wear gloves while handling frames, in order to prevent any grease deposit on the surfaces, which could weaken adhesion or create condensate.
- The temperature at the machine outlet should not exceed 130°C
- Apply, a regular and continuous sealant bead.
- Compression must ensure a regular and sufficient bead squeeze-up.
- Make sure that the sealing is continuous, especially in the corners.
- Check up the compatibility between the different sealants used in the IG Vs production.

COLOUR

Black

PACKAGING

JS 680 is available in:

- 1-, 2,4- and 7 kg - cylinders,
- 190 kg-drums,
- pre-extruded slugs of different sections (upon request)

STORAGE AND SHELF LIFE

Store in dry and cool conditions (+ 5°C to +25°C).

24 months shelf-life when stored as required in original unopened containers.

CONFORMITY

JS 680 production is under the periodical control of CEBTP which certify the conformity to this data sheet.

HEALTH & SAFETY PRECAUTIONS

Product Health and Safety Data Sheet must be read and understood before use.

CUSTOMER SERVICE

PROSYTEC SAS has a team of experienced Technical Sales Representatives who provide assistance :

■ **Telephone : +33.(0)1.34.58.57.02**

Technical, Health, and Safety data sheets are available :

■ **Internet :**

<http://www.tremco-prosytec.com>

■ **Em@il :**

prosytec@tremco-prosytec.com

The above is bona fide information from our present sources.

Before any use, we call our users's attention to ensure that this product fits to its use.

The conditions guarantee for this product are ruled by our sales conditions, using, and the law in force.

Prosytec sas

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