

# JS442 MF

## MERCURY-FREE PU SECONDARY SEALANT

**TREMCO**  
Lasting Performance



### KEY BENEFITS SUMMARY

- Mercury-free and solvent-free
- Contributes to the preservation of our environment
- Eases the waste treatment
- Part B is non abrasive
- Rheological behaviour machine friendly
- Very high performances
- Mechanical resistance leading to a minimized I Index and gas loss rate of IG unit
- Long open time combined with fast curing time

### PRODUCT INFORMATION

#### Description

JS442 MF is a high performance, two-component, mercury-free, polyurethane secondary sealant (Part B Liquid or Paste-High Viscosity). It is solvent-free and highly thixotropic. It adheres to glass, aluminium, galvanized steel, Warm Edge spacer bars.

#### Areas of use

JS442 MF has been specially designed for the manufacturing of IG units. It is used together with PIB primary sealant such as JS680, JS780 S or JS880. JS442 MF complies with the strictest requirements of the various international standards.

#### Packaging

220 L kit comprising:

- Part A: 200 L drum
- Part B: 20 L pail or 200 L drum

#### Storage

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

#### Shelf life

- Part A in original unopened packaging: 6 months
- Part B in original unopened packaging: 6 months

#### Implementation

- Before use, the pails of liquid part B must be rolled or agitated mechanically in order to fully mix the product in the drum.
- JS442 MF is compatible with all types of manual and robotic dispensing equipment currently available.
- In Part B, we recommend using a circuit lined with PTFE to minimize water vapor penetration.
- After Application, there should be no air entrapped between JS442 MF and the primary sealant.
- Make sure there are no air bubbles in the corners.
- JS442 MF, after mixing, must be homogeneous.

- Glass must be perfectly clean, with no traces of detergent or any other pollution.
- Spacers must be clean, dry and free from any other matter.

#### Cleaning

- For the cleaning, refer to the recommendations of the machines manufacturer.

#### Compliance and Approvals

- Insulating glass units designed and manufactured in line with standard practice using JS442 MF meet the quality criteria of the main European standards and certifications.
- JS442 MF is registered in the CEKAL data base.
- JS442 MF 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 periodical conformity control of LRCCP (laboratory acting on behalf of the CEKAL organization) certifies the means implemented by tremco illbruck to maintain the conformity of our products to the values indicated on 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.

