# RUBSON
## HP Glazing

Technical Data Sheet v.2, April 2026

High-performance acetoxy-type silicone sealant for glazing applications.

## CHARACTERISTICS

RUBSON HP Glazing is a fast curing, high modulus, one component, ready-to-use, pure silicone sealant (acetoxy type) for general sealing and bonding applications (indoor and outdoor).

- 100% silicone
- High modulus
- 25% movement capability
- Fast curing
- Good workability / tooling due to high viscosity
- Excellent UV-, weather and ageing resistance
- Waterproof
- Excellent adhesion on glass and anodized aluminium
- Long-lasting elasticity
- Does not yellow
- Resistant to acids and diluted bases
- Resistant to aliphatic solvents
- Primerless adhesion on uncoated glass, ceramics and glazed or painted surfaces

## APPLICATION FIELD

RUBSON HP Glazing is a high modulus sealant and should be used where joint loads are high and where relative movement between substrates is to be minimised.

- Sealing of glazing joints
- Mounting, bonding, and repairing all glazing
- Shop windows, display cases, panels and signs
- Sealing and assembling glazing joints: verandas, greenhouses, double glazing, windowpanes, stained glass, skylights, etc.
- Interior finishing joints between partition panels
- Aquarium sealing (up to 300 ml)

## STANDARDS

| | |
|---|---|
| Certification Label sfjf | SNJF 25 E elastic sealant – Glazing n° 4408 with Primer ref. 10073 on anodised aluminium / glass * |
| ISO 11600 | Class F-25HM and G-25HM |
| EN 15651-1 (CE marking) | Product type F-EXT-INT: sealant for facade for interior and exterior applications |
| EN 15651-2 (CE marking) | Product type G: sealant for glazing applications |
| EN 15301-1 | Reaction to fire: Class E |

* Reference documents and information relating to the SNJF Label available at www.oc-sfjf.fr.

## TECHNICAL DATA

| **Before curing** | |
|---|---|
| Type of silicone | Acetoxy |
| Appearance | Paste |
| Density, (ISO 2811-1), g/ml | ~ 1.04 |
| Resistance to flow, (ISO 7390), mm | ~ 0 |

| **Curing** | |
|---|---|
| Skin formation time, (+23 °C / 50% RH), min | ~ 7 |
| Curing speed (+23°C, 50% RH, cross-section of joint 20x10 mm), mm/day | ~ 3 |
| Application temperature, °C | 5 - 40 |

| **After curing** | |
|---|---|
| Shore A hardness (ISO 868) | ~ 23 |
| Movement capability, (ISO 11600), % | 25 |
| Max. joint width, mm | 30 |
| Change of volume (ISO 10563), % | ~ 5 |
| Temperature resistance, °C | -50 - 150 |

| Mechanical properties | |
|---|---|
| Elastic recovery, (ISO 7389-A), % | ~ 95 |
| Modulus at 100%, elongation, (ISO 8339-A), $N/mm^2$ | ~ 0.5 |
| Elongation at break, (ISO 8339-A), % | ~ 300 |

## INSTRUCTIONS FOR USE

RUBSON HP Glazing is supplied ready-to-use and can be applied from the original packaging with no special pre-treatment. For glazing sealing, follow DTU 39 « Miroiterie – vitrerie »

**Surface preparation**
All surfaces must be clean and dry, free from any dust and grease or anything which may be detrimental to correct adhesion of the sealant. Residues of old sealant or other materials as well as mould on the substrate must be removed completely (if necessary, use a silicone remover). Degreasing is performed using a pad soaked in solvent (alcohol or white spirit) followed by wiping with a clean cloth. Dust should be removed using oil-free compressed air. To get best sealing results it is recommended to mask edges of the joints with a tape before application of the sealant mass.

**Priming**
Although RUBSON HP Glazing will bond well to most surfaces it is recommended to use a primer on certain substrates to ensure a strong and uniform bond. On cast, extruded or anodised aluminium, metals and plastics use Primer P819 before application of RUBSON HP Glazing. In case of porous materials it is recommended to use Primer P800.

**Joint dimensions**
The movement capability of the sealant as well as local regulations must be considered. In general, the joint width must be > 10 mm and < 35 mm and the joint width should be twice the depth. Recommended minimum joint width for joints around windows and exterior doors: 10 mm.

**Sealant application**
Once a seal back-up material has been put in place (closed-cell polyethylene foam with surface skin or open-cell polyurethane foam), the sealant should be applied ensuring that the seal is completely filled. Smoothing off the seal ensures good contact between the sealant and the bonding surfaces. Directly after application, spray the joint with a mild detergent solution (soapy water) and smooth off with an appropriate tool. For glazing sealing, follow DTU 39. Remove any tape immediately before surface skin is formed. Smooth over any proud sealant edges immediately.

**Cleaning tools**
Areas soiled with fresh sealant may be cleaned with a dry pad or a pad soaked in a solvent. Any cured sealant can be removed by scraping (e. g. using a razor blade) or by using a special silicone remover product.

**Please note**
The joint must be cleaned and maintained regularly. Ensure good and regular air circulation in the room where the sealant is applied. Curing speed is depending on temperature, air humidity and on the dimensions of the joint. Low temperatures, low air humidity or big joint dimensions need longer curing speeds.

## LIMITATIONS

For any applications on sensitive surfaces carry out preliminary testing to check compatibility with the sealant.

- RUBSON HP Glazing must not be used on sensitive surfaces which could react with the acetic acid which is released during cure.
- RUBSON HP Glazing is not recommended for structural glazing applications.
- RUBSON HP Glazing (once cured) can be used in applications in which there is a risk of occasional short term contact with water-based foodstuffs but it should not be used for applications with permanent contact.
- RUBSON HP Glazing should not be over-painted (poor covering and adhesion of the paint).
- Before using RUBSON HP Glazing on painted substrates, paint has to be completely dry and cured. Prior compatibility tests are recommended considering the variety of paints that exist.
- Application of RUBSON HP Glazing on natural stone (e.g. marble, granite) is not recommended. For applications on natural stone use a special natural stone silicone.
- RUBSON HP Glazing is not recommended on materials which can exude certain components over time (butyl sealant, EPDM rubbers, polychloroprene, etc.). Discolouration or reduction of adhesion properties could take place.
- RUBSON HP Glazing is not recommended for applications on PMMA (Plexiglass®), PTFE (Teflon®), polyethylene and polypropylene.

## GENERAL INFORMATION

**Storage**
Store RUBSON HP Glazing in a dry place between 5 - 25°C. Shelf life is 24 months in the original packaging after date of manufacture (the expiry date is shown on the packaging).

## HEALTH AND SAFETY

Before using the product please see related Safety Data Sheet that is available on request at 09 69 32 09 30 or on our website https://mysds.henkel.com/index.html.

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

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