Technical Data Sheet v.2, April 2026

RUBSON
HP Glazing

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
- Joint insulation for doors and windows between frame and sash
- 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 sniff	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.

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