Technical Data Sheet v.2, April 2026

RUBSON
FIRE-STOP CF55

High performance universal silicone sealant with excellent adhesion properties.

CHARACTERISTICS

RUBSON CF55 is a low modulus, one-component, ready-to-use, pure neutral silicone sealant (alkoxy type) for sealing and bonding in construction and glazing applications.
RUBSON CF55 combines the advantages of excellent primerless adhesion properties (including on synthetic surfaces) and neutrality.

- fire-resistant silicone sealant tested up to 240 minutes
- 100% silicone
- low modulus
- 25% movement capability
- smooth and matt appearance
- excellent UV-, weather and ageing resistance
- waterproof
- primerless adhesion on numerous substrates such as: ceramics, enamel, clear and layered glass (and all other glazed surfaces), metals, wood (painted or unpainted), PVC, PC, PMMA, ABS, concrete, cellular concrete etc.
- excellent adhesion on plastics, including PMMA (best adhesion profile in the range)
- non-corrosive
- odourless during application
- suitable for mirror applications

APPLICATION FIELD

RUBSON CF55 can be used for:

- traditional construction (expansion and stability joints)
- light prefabrication (curtain walls, metal coving)
- perimeter seals in aluminium, wood, PVC joinery
- elastic seals in glazing application, on aluminium, wood, PVC joinery
- heavy prefabrication (terrace, parapet wall and façade panel joints)
- ventilation ducts, piping passages, guttering and downpipes
- bonding of materials subjected to vibration

STANDARDS

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
Fire resistance	EI 240 rating for joints between 10 - 25mm in accordance with Standard EN 13501-2 Case closure report: Efectis EFR-25-000617
Certification Label sfjf	SNJF25 E elastic sealant Façade n° 3031 & glazing n° 2494 * certified class 25E on anodized aluminium (primerless) and concrete M2 (primerless) Compliance with EN ISO 11600 – F&G – 25LM – glass, anodised aluminium and concrete (without primer) Conforms to EN 13501-1: Class E
PMUC	PMUC certification n° 24-077

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

INSTRUCTIONS FOR USE

RUBSON CF55 is supplied ready-to-use and can be applied from the original packaging with no special pre-treatment. Use according to DTU 44.1 for facade joints and DTU 39 for glazing works.

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.

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.

Priming
RUBSON CF55 does not require a primer on most common substrates. Except in the case of immersion and especially on porous substrates the application of a specific primer is recommended.

Sealant application
Once a seal back-up material has been put in place (closed-cell polyethylene foam 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. 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. Do not use oxidizing detergents like hydrogen-peroxide for cleaning of the joint, because that could cause discolouration of the sealant. Take care of a 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.

TECHNICAL DATA

Before curing	
Type of silicone	Alkoxy
Appearance	Paste
Density, (ISO 2811-1), g/ml	~ 1.38
Resistance to flow, (ISO 7390), mm	~ 1

Curing	
Skin formation time, (+23 °C / 50% RH), min	~ 40
Curing speed (+23°C, 50% RH, cross-section of joint 20x10mm), mm/day	~ 2
Application temperature, °C	5 - 40

After curing	
Shore A hardness (ISO 868)	~ 22
Movement capability, (ISO 11600), %	25
Max. joint width, mm	30
Change of volume (ISO 10563), %	~ 6
Temperature resistance, °C	-50 - 120

Mechanical properties	
Elastic recovery, (ISO 7389-A), %	~ 85
Modulus at 100%, elongation (ISO 8339-A), N/mm^2	~ 0.3
Elongation at break, (ISO 8339-A), %	~ 500

LIMITATIONS

For any applications on sensitive surfaces carry out preliminary testing to check compatibility with the sealant.
RUBSON CF55 is not recommended for joints that are in direct food contact.
RUBSON CF55 is not recommended for structural glazing applications.
RUBSON CF55 is not recommended for swimming pool joints, for aquarium joints or for applications under water.
RUBSON CF55 seals must not be over-painted (poor covering and adhesion of the paint).
Before using RUBSON CF55 on painted substrates, paint has to be completely dry and cured. Prior compatibility tests are recommended, considering the variety of paints that exist.
RUBSON CF55 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.
Application of RUBSON CF55 on natural stone (e.g. marble, granite) is not recommended.
For applications on natural stone use a special natural stone silicone.
RUBSON CF55 is not recommended for applications on PTFE (Teflon®), polyethylene and polypropylene.

GENERAL INFORMATION

Storage
Store RUBSON CF55 in a dry place between 5°C and 25 °C.
Shelf life is 12 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.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

Henkel FRANCE
245 rue du Vieux Pont de Sèvres
92100 Boulogne Billancourt
Phone: 09 69 32 09 30 (non-surcharged call)