

Technical Specifications Ferney Group BV

Ferney Group BV
Ampèrestraat 15

1704 SM Heerhugowaard
Netherlands

Date : 16-03-2022
TSFK : 99/1516251- 1516253,
1516257- 1516260
Rev : E
Blad : 1/4



Product: Kelfort® siliconenkit NO

Issued by: S.B.

Confirmed by: S.L.

The product:

Kelfort® siliconenkit NO is a versatile neutral silicone sealant for sanitary, building, glazing and façade joints which cures under influence of humidity to form a durable elastic rubber.

Applications:

Specifically developed for durable elastic sealing of connection and expansion joints in concrete, brickwork, curtain wall constructions, glazing systems, kitchens, bathrooms and showers and for industrial applications. Compatibility of the edge seals of insulation glass with glazing sealants cannot be guaranteed by the supplier of the sealant, as the composition of the edge seals can be changed by the producer without notice. Any advice on the compatibility of glazing sealants to the edge seals of insulation glass is based on experience and therefore not guaranteed.

Benefits

- Neutral curing, almost odourless
- Perfect bonding without primer on most substrates
- Excellent resistance to UV, water and weather
- Mold resistant
- Non corrosive towards metals
- Good adhesion to glass, painted wood, ceramic, enamelled, stainless steel and many plastics

Limitations:

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Discoloration can occur in dark places and by contact with Chemicals

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Directions Of Use:

Directions Of Use A joint with the correct dimensions is able to absorb movements between building materials. The joint depth should always be in the correct relationship of the joint width. A general rule is the ratio of joint depth to the width of the joint with a joint width up to 10 mm is 1:1, with a minimum of 5 mm in width and depth. For joints wider than 10 mm, the depth is the width divided by 3 plus 6 mm.

Technical Specifications

100 % modulus	DIN 53504 S2	0,35 N/mm ²
Application rate	@ Ø3 mm/6,3 bar	130 g/min
Application temperature		+5°C to +40°C 2-
Base		Pentanone Oxime
Curing time	@ +23°C/50% RH	2-3 mm/24 hours
Density	ISO 1183-1	1,22 g/ml
Elongation at break	DIN 53504 S2	550%
Frost resistance during transportation		Up to -15°C
Joint movement		25%
Shorea hardness	DIN 53505	19
Skin formation	DBTM 10	8 minutes @+23°C/50% RH
Temperature resistance		-50°C to +120°C
Tensile strength	DIN 53504 S2	1,30 N/mm ²

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Surface Preparations and Finishing

Application temperature: +5°C to +40°C (applies to environment and substrates). All substrates must be solid, clean, dry, and free of grease and dust. Clean substrates with Cleaner. Adheres perfectly without the use of primer to most non porous substrates. Porous substrates to be pre-treated with Primer B1. Always test adhesion prior to application. use Finisher to smooth the joint.

Paintability

Not paintable. We recommend covering the edges of the joint with masking tape to prevent surfaces that need to be painted from being contaminated by silicone

Cleaning

Uncured Material and tools can be cleaned by using Cleaner. Cured material can only be mechanically removed. Hands can be cleaned with wipes.

Shelf Life

In unopened original packaging between +5°C and +25°C, shelf life up to 12 months from production date, stored in a dry place.

Warranty & Guarantee

Ferney warrants that its product complies, within its shelf life, to its specification.

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Certifications



EN 15651-1: F-EXT-INT-CC 25LM EN 15651-
2: G-CC 25LM EN 15651-3: S XS2

EMICODE EC1 Plus – very low emission M1

Indoor Air Comfort Gold® BREEAM

International Compliant E1 EN 717-1§

A+ French VOC Regulation



ISEGA



SNJF FG25E