

Description

Hercuseal Silicone NOF is a high quality 1 component sealant based on oximcuring silicones (neutral curing system)

Properties

- Elastic Sealant (low modulus).
- Resistant to mould.
- Good adhesion without the use of a primer on non-porous surfaces and industrial paints.
- Nearly odourless, acid free.
- High UV resistant.
- Not paintable.
- Durable.

Application

- Sealing joints at washsinks, kitchenblades, tiles, bathtubs, showers in sanitary rooms and other wet cell, like toilets rooms and kitchens.
- In cold storage containers, slaughter-houses and other industrial applications where fungus growing is undesirable.
- Sealing constructionjoints in building constructions and glazing.

Colours and packing

- Kleur* : Transparent, transparent/grey, light grey, manhattan, white, off white, RAL 9001, RAL 9002 and black.
- Verpakking* : Cartridges of 310 ml, 24 cartridges per box.
ALU foilpacks of 400 ml, 20 packs per box.
ALU foilpacks of 600 ml, 12 packs per box.

* Other colours and packing on request.

Shelflife

In good closed original packing, stored on a cool and dry place, between +5°C and +25°C; till 9 months after productiondate.

Transport/safety aspects

- Transport Road (ADR/GGVs) : N.a.
Sea (MGD/GGVSea) : N.a.
Airfreight (ICAO/IATA-DGR) : N.a.
UN-nr. : N.a.
Packing Group : N.a.
Proper shipping name : N.a.
Flashpoint : >100°C.
Symbols : N.a.
R and S senses : N.a.

General safety aspects

Avoid prolonged contact with skin. Direct contact with food should be avoided as long as the sealant has not cured. In the event non-cured Hercuseal Silicone NOF gets into the eyes, flush with water and consult a doctor.

Technical data

- Density : 1020 kg/m³
Curing : 1,0 mm in 24 hours
Shrinkage : nil.
Skinningtime : 15 minutes
MMA : 25%
Elongation at break : 400%
E-module at 100% : 0,35 Mpa
Hardness : 15⁰ shore A

Resistance

- Temperature resistance : -45°C till +100°C.
Mechanical resistance : Good.
Chemical resistance : Incidental resistant to salt water, fatten, oils and several chemicals.
(If necessary request advice)
Dirt attachment : Hardly non.
Discolouring : Possibility of discolouring of light colours.

Application

Surface (bonding substrate)
On dry, clean and free of dust, grease and loose particles, non-porous substrates; like stone, glass, ceramics, synthetic material, aluminium, metal, paint- and powdercoatings, a good adhesion can be achieved without the use of a primer. It is advisable to pre-treat porous surfaces with Hercuseal primer PO4. Due to the large diversity of surfaces, testing is advisable.

- Surface temperature : Between +5°C till +40°C.
Application temperature : Between +5°C till +40°C.
Minimum joint width : 4 mm.
Maximum joint width : 25 mm.
Maximum joint depth : 12 mm

Jointrelation

- Joint width in mm. : 6 – 11 – 15 – 19 – 23
Joint depth in mm. : 6 – 8 – 10 – 12 – 14

To achieve the right joint depth; use a backer rod.

Tooling

Because of the skinning time of Hercuseal silicone NOF is 15 minutes, smoothening of the joint must be done immediately after application with Hercuseal Finisher.

Cleaning

- Material : immediately after application with terpentine or M.E.K.
Hands : with handcleaner and/or water and soap.

Paintability

Hercuseal Silicone NOF is not paintable. In the event of to be painted substrates, it is recommended to use a masking tape on the edges of the joint in order to prevent silicone spilling.

Certified:

ISO 11.600.F25LM and ISO 11.600 G25LM