

**Description**

Hercuseal Silicone AZF is a high quality 1 component sealant based on acetoxy-curing silicones (acid curing system)

**Properties**

- Elastic Sealant (high modulus)
- Resistant to mould
- Good adhesion on glass, ceramics and non-porous surfaces in general.
- No discolouring.
- High UV resistant.
- Durable.
- Resistant to water, cleaning- and household chemicals.
- Not paintable

**Application**

- Sealing of joints in sanitary rooms and other wet cells, like bathrooms, toilets, kitchens, tiles etc.
- Topsealing in glazing systems, where no paintability is required.
- Industrial rooms where fungus growing is undesirable.
- Sealing constructionjoints in building construction.

**Colours and packing**

Colour*	: Translucent, grey and white
Packing*	: Cartridges of 310 ml, 24 ctgs per box. ALU foilpacks of 400 ml. 20 packs per box. (sausages only in transparent)

\* Other colours and packing on request.

**Shelflife**

In good closed original packing, stored on a cool and dry place, between +5<sup>0</sup>C and +25<sup>0</sup>C; till 12 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 <sup>0</sup> C.
Symbols	: 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 AZF gets into the eyes, flush with water and consult a doctor.

**Technical data**

Density	: 1012 kg/m <sup>3</sup>
Curing	: 2,0 mm in 24 hours
Shrinkage	: nil.
Skinningtime	: within 15 minutes
MMA <sup>1)</sup>	: 25%
Elongation at break <sup>2)</sup>	: 700%
E-module at 100% <sup>3)</sup>	: 0,30 Mpa
Hardness <sup>4)</sup>	: 25 <sup>0</sup> shore A

<sup>1)</sup> Measured to ISO 9046

<sup>2)</sup> Measured to DIN 535040 S2

<sup>3)</sup> Measured to ISO 8339

<sup>4)</sup> Measured to DIN 53505

**Resistance**

Temperature resistance	: -45 <sup>0</sup> C till +140 <sup>0</sup> 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	: Hardly non.

Because of the use of an anti mildew agent, fungus growing is restricted, however in the event of insufficient ventilation and cleaning, there is no guarantee, fungus growing will not happen.

**Application**

Surface (bonding substrate)

On dry, clean and free of dust, grease and loose particles, non-porous substrates, a good adhesion can be achieved on paintsystems, glass, aluminium, (coated aluminium must be tested on adhesion first), ceramics, concrete, metals, masonry, without the use of a primer. Porous surfaces and specific plastic must be pretreated with a primer (see Datasheet HP-000).

Surface temperature	: Between +5 <sup>0</sup> C till +40 <sup>0</sup> C.
Application temperature	: Between +5 <sup>0</sup> C till +40 <sup>0</sup> C.
Minimum joint width	: 4 mm.
Maximum joint width	: 25 mm.

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

**Tooling**

Because of the skinning time of Hercuseal silicone AZF is between 10 and 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 AZF 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 G25LM.