

## Flightfloor-Sil-B-1 special design and standard

### Description

Flightfloor-Sil-B-1 is a high quality, versatile 1 component sealant based on alcoxy curing silicones with adhesive additives (neutral curing system). The product is non acetoxy. After application the silicone cures with atmospheric moisture to form a durable rubber seal.

### Properties

- permanently elastic Sealant.
- anti-fungal, bactericidal, decontaminable
- Good adhesion without the use of a primer on all plastics and natural materials, glass, ceramics, metal and wood.
- Nearly odourless, acid free.
- Free of plastisizer.
- Not paintable.
- Durable.
- Highly UV resistant due to iron oxide pigmenting.
- No shrinkage
- Resistant against water, cleansers and household chemicals, medium acids and solutions, disinfection agents.
- 99,9 % colour matching to respective floor covering

### Application

- Connection joints at floor coverings of all kinds, like plastics materials, PVC, linoleum, and rubber-floor.
- Connection joints on wood.
- Joint sealing to precast concrete and brickwork.
- Glazing systems
- Sanitary areas
- Industrial areas where fungus growth is not allowed.

### Colours and packing

Colour : all kinds of floor coverings, samples  
 Packing : 1 Cartridges of 310 ml possible

### Shelflife

In good closed original packing, stored on a cool and dry place, between +10°C and +25°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 : N.a.  
 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 Flightfloor-Sil-B-1 gets into the eyes, flush with water and consult a doctor.

### Technical data

Density : 1,027 g/ml  
 Shrinkage : <5% g/g  
 Skinningtime : 5 minutes  
 Elongation at break % (ISO 8339) : 400  
 E-module at 100% MPa (ISO 8339) : 0,25  
 Hardness shore A (ISO 53505) : 35

### Resistance

Temperature resistance : -50°C till +120°C.  
 Mechanical resistance : Good.  
 Chemical resistance : Incidental resistant to salt water, fatten, oils and several chemicals.  
 (If necessary request advice)  
 Dirt attachment : Hardly non.

### Surface preparation and finishing

Surface (bonding substrate)  
 On dry, clean and free of dust, grease and loose particles, non-porous substrates; 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 primer. 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.

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

### Tooling

Because of the skinning time of Flightfloor-Sil-B-1 is about 10 minutes, smoothening of the joint must be done immediately after application.

### Cleaning

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

### Paintability

Flightfloor-Sil-B-1 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.