

Flightfloor-Seal-B-1

Product description

Flightfloor-Seal-B-1 is a high-value, multifaceted single component silicon sealant alcoxim networking with adhesive additives that are vulcanized under the influence of air humidity for an elastic final product. The Product is acid-free.

Characteristics

- Permanently elastic, fungicidal and antibacterial decontaminable
- No priming is necessary for many surfaces – it adheres to many synthetics and natural substances such as glass, ceramics, metal and wood
- Almost completely free of odor
- Cannot be painted over
- Resistant against midrange acids and alkali, washing and cleaning agents as well as disinfectants
- High UV-stability

Areas of application

- Connection and difference joints of all common forms of flooring, for example, synthetics, PVC, linoleum, gummi elasticum
- Connecting joints for wood and laminates
- Connecting joints between concrete prefabricated parts and masonry
- Window connection joints and facade joints
- glass sealing
- Treatment and sanitation area
- For all industrial applications for which there is an undesired fungus build-up on the cement

Assortment

Standard: as per standard card
Special colors: fitting for all NCS, Sikkens and RAL hues as well as floorings or patterns
Packaging: in 310 ml-cartridges

Shelf life

To be stored in well-closed original packaging in a cool and dry location between +10 °C and +25 °C. First expires 12 months after the production date.

Transport/Safety aspects

Transport street (ADR/GGVs): not applicable
See (IMGD/GGVSee): not applicable
Air (ICAO/IATA-DGR): not applicable
UN No.: not applicable
Packing group: not applicable
Proper shipping name: not applicable
Flash point: not applicable
Hazard symbols and warnings: not applicable
R-phases and S-phases: not applicable

General safety notes

Avoid any prolonged period of skin contact. Avoid any and all direct contact to food stuffs and semi-luxury items, as long as the cure has not yet hardened.

Should non-hardened **Flightfloor-Seal-B-1** get into your eyes, wash them out thoroughly with water and immediately consult a doctor.

Technical data

Density: 1.027 g/ml
Shrinkage: < 5 %
Skin forming: app. 5 minutes
Ultimate elongation in % (DIN 53504): 400
E-Module 100 % MPA (DIN 53504): 0.25
Hardness Shore A (DIN 53505): 35

Resilience

Heat resistance: -50 °C up to +120 °C
Mechanical stability: good
Stability against chemicals: stable against salt water, fats, oils and diverse chemicals when only subjected to them on occasion. You should possibly get more information and advice.
Adhesion of soiling: within the normal framework

Processing

Subsurface (holding surface):
On a dry surface free of dust and fatty substances, which is sufficiently strong and does not absorb substances, good adhesive strength can be achieved on glass, ceramics, coating systems, powder coatings and aluminum, without the initial priming phase. Although good results can be achieved in practice even without adhesive priming coats, it is nonetheless recommended to apply a suitable adhesive priming coat especially to synthetic materials.

Subsurface temperature: at least +5 °C, maximum +40 °C
Processing temperature: at least +5 °C, maximum +40 °C
The joints and fugues are established properly using backfill material.

Joint smoothing

Since skin forming on the surface takes place with **Flightfloor-Seal-B-1** after just 5-10 minutes, the joints and fugues must be smoothed out immediately after the product is applied (acid-free).

Cleaning

Material: With turpentine or methyl ethyl ketone immediately after application.
Hands: Mit Wash thoroughly with soap and water.

Recoatibility

Flightfloor-Seal-B-1 cannot be painted over. As such, it would be advisable that you tape up the joint margins and edges, in order to prevent a contamination of the areas that still need to be painted with silicon.

Specification

International: ISO 11.600 G25LM inspected
Germany: DIN 18545-E