

## VOGAFLEX S

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VOGEL SYSTEMS Technical data sheet  
Date / Revised: 19.09.2018  
Product: **VOGAFLEX S**

Version: 1.0

Date of print 20.09.2018

### 1. Identification

#### Product identifier

**VOGAFLEX S**

#### Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Product for construction chemicals  
Recommended use: for industrial and professional users



#### Details of the supplier of the safety data sheet

Company:  
VOGEL SYSTEMS  
Operating Division Construction Chemicals

E-mail address: [info@vogel-systems.de](mailto:info@vogel-systems.de)

#### Emergency telephone number

International emergency number

## **One Component, Pintable ,Self-Leveling Polyurethane Sealant**

### **DESCRIPTION**

**VOGAFLEX S** is a versatile one component, Pintable , Silyl terminated polyurethane sealant with a low modulus for sealing building joints. It cures with atmospheric moisture to form a durable rubber seal.

### **APPLICATION FIELDS**

- For Horizontal Expansion Joints In Concrete And Cementitious Slabs As:
- Garages & Drive Ways.
- Balconies , Terraces & Plazas.
- Airports & Hangers.
- Factories.
- Warehouses & Pavements.

### **ADVANTAGES**

1. Excellent adhesion .
2. Good chemical resistance.
3. Pintable.
4. Outstanding aging & weathering.
5. Pourable & self-leveling.

### **APPLICATION**

- It is applied direct from cartridge.
- Finish with fresh clean water.
- Pour sealants into joints in one direction.
- Allow sealant to follow and level out.

### **LIMITATIONS**

- It is not recommended for glazing and not for aquaria, PE, PP and Teflon.
- It is not paintable with alkyd resin paints.
- Do not apply the material on moist surfaces or not painted wood.
- Do not tool with detergent or soap solution .
- For continuous immersion in water allow sealant to cure for seven days.
- Do not use for sloped surfaces .
- To avoid bubbling do not apply at low temp. or on wet surfaces or high weather humidity
- Do not use with bitumen or asphalt .

**TECHNICAL DATA**

| Product properties      |                         |
|-------------------------|-------------------------|
| Application temperature | +5°C / +30°C            |
| Density                 | 1.25 gm/cm <sup>3</sup> |
| Frost resistance        | Up to - 40°C            |
| Joint movement capacity | ±25 %                   |
| Temperature resistance  | -40°C / +80°C           |
| Shore A hardness        | 37 ± 1                  |
| 100% Modulus            | 37 ± 1                  |
| Tensile strength        | 1.5-2 MPa               |
| Adhesion to concrete    | 0.8-1 MPa               |
| Elongation at break     | 600 – 700 %             |
| Tack Free Time          | 1-2 hours               |
| Final Cure              | 3-5 days                |

**COVERAGE**

- Min. width 6 mm .
- Max. width 25 mm .
- (W : D) (2:1) .
- Min. depth 6 mm .
- Max. depth 13 mm .
- 3 Lm/ Cartridge 600 ml for joints (10\*20 mm) .

**PACKAGING**

Cartridges of foil pack 600 ml.

**SAFETY AND HEALTH**

**VOGAFLEX S** is a low toxicity product but direct contact with skin and eyes must be avoided , Use rubber gloves and safety goggles when handling, mixing and applying the product.

**STORAGE**

Twelve months in its unopened original packaging. Store in a cool, dry and covered place, protected from moisture , frost and direct sunlight, with temperatures between 5 °C and 30 °C.

**CLEANING**

Tools and equipment should be cleaned, immediately after use, with solvent. Once product cures, this can only be removed by mechanical means.