

## EGOSILICON 151 SANITARY

is a ready-to-use, acid-curing [acetoxyl] 1-component silicone sealant for durable and high-quality sealing in the construction and sanitary sector with optimized processing quality, which vulcanizes via reaction with air humidity to form an elastic, abrasion-resistant end product.

### CHARACTERISTICS

**The product is characterized by the following properties:**

acid cross-linking [acetoxyl] · high mechanical strength · optimum thread tension · excellent smoothing properties · weather, ageing & UV-resistant · abrasion resistant

### APPLICATION AREAS

EGOSILICON 151 is suitable for sealing edge and connection joints on all common substrates and for permanent, high-quality sealing in construction and sanitary areas. Sealing in the building and sanitary sector. For use on natural and artificial stone, we recommend EGOSILICON 351 and EGOSILICON 352.

**Areas of application:**

Bathroom · Sanitary · Wet areas

**Good adhesion to:** [please note primer table]

Aluminium · Ceramic · Enamel · Glass · Hard-PVC · Polyacrylate · Polycarbonate · Polyester · Porcelain · Stainless steel · Tiles · Wood

**Not or only partially suitable for:** [Own tests assumed and recommended]

Natural stone · EPDM · Black coatings · Non-ferrous metals

### APPLICATION NOTES

- 1 Adhesion surfaces must be clean, dry, load-bearing and free from dust and substances liable to impair adhesion.
- 2 Clean with EGO REINIGUNGSSPRAY.
- 3 In order to obtain optimum adhesion use Primer EGO PRIMER FDF on porous substrates, EGO PRIMER FWS on rigid PVC and Primer EGO PRIMER FML or EGO HAFTREINIGER on other smooth substrates [see Primer Chart].

### STANDARDS AND TESTS

**EGOSILICON 151 corresponds to the:**

**Standards according to:**

- DIN EN 15651-1 F 20 HM EXT-INT
- DIN EN 15651-2 G 20 HM
- DIN EN 15651-3 XS1

**IVD data sheets:**

- No. 3-1, 3-2, 10, 14, 29, 31, 35

**The following tests were achieved by EGOSILICON 151:**

**European conformity:**

- CE marking Declaration of Performance LE/DoP No. EG03150314

### SUSTAINABILITY

**VOC requirements:**

- EMICODE EC1
- AgBB scheme
- french VOC class A+ and KMR regulation
- LEED® EQ c4.1

**BMS product verifications:**

- LEED Building Design and Construction V4 [2015]
- BNB BN 2015 [quality level 5/5]
- NBV 2015 [quality level 4/4]
- BREEAM International New Construction 2016
- DGNB New Buildings 2018 [quality level 4/4]

**Listing in baubook:**

- EGOSILICON 151 is listed in baubook

**Listing in the DGNB Navigator:**

- EGOSILICON 151 is listed in the DGNB Navigator
- EGOSILICON 151 has been awarded the DGNB Navigator Label with the registration code: MK05CN

**Quality mark:**

- IVD-Industrieverband Dichtstoffe e.V. - tested by ift-Institut für Fenstertechnik e.V. Rosenheim

**Environmental Product Declaration [EPD]:**

- Sample-EPD [Silicone-based products, group 2]

### SUSTAINABILITY

#### QNG/Quality Seal Sustainable Building:

- Adhesives and sealants for creating the airtightness of the façade in accordance with BNB\_BN\_1.1.6, Annex 1, Item 9 + QNG-313, Item 4.3
- Adhesives and sealants in interiors incl. TGA according to BNB\_BN\_1.1.6, Annex 1, Item 8 + QNG-313, Items 4.1, 4.2



\*Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ [très faibles émissions] à C [fortes émissions]

### TECHNICAL DATA

Specifications	Results	In accordance with
Cross-linking system	acidic [Acetoxy]	
Density	approx. 1,0 g/cm <sup>3</sup>	DIN EN ISO 1183-1
Application temperature	from +5 °C to +40 °C	
Temperature resistance	-60 °C to +180 °C	
Shore A hardness	approx. 25	DIN EN ISO 868
Spray-out behavior	approx. 200g/min [6mm; 3bar]	DIN EN ISO 8394-1
Modulus / tensile stress 100%	approx. 0,6 N/mm <sup>2</sup>	DIN EN ISO 8339
Volume shrinkage	< 5 %	DIN EN ISO 10563
Allowable total deformation	20 %	
Viscosity	stable	DIN EN ISO 7390
Skin formation time	approx. 10-20 Minuten [23 °C/50% RH]	
Vulcanization	approx. 2-3 mm/24 hours	
Ignition temperature	approx. 450 °C	DIN 51794
Building material class	B2, normal flammability Euroclass E	DIN 4102 DIN EN 13501

### AVAILABILITY AND STORAGE

Colors	<ul style="list-style-type: none"> <li>10 colors [see color chart]</li> </ul>
Packaging	<ul style="list-style-type: none"> <li>310 ml cartridges [20 pieces/carton, 60 cartons/pallet]</li> <li>400 ml foil bags [20 pieces/carton, 60 cartons/pallet]</li> <li>Special containers on request</li> </ul>
Storage	<p>Can be stored cool and dry in its original packaging:</p> <ul style="list-style-type: none"> <li>12 months [cartridge]</li> <li>18 months [foil bag]</li> </ul> <p>The production or best-before date can be found on the container label.</p>

### SAFETY INSTRUCTIONS

Complies with	Regulation [EC] No 1907/2006 [REACH]
Not hazardous according to	Regulation [EC] No 1272/2008 [CLP]
Not subject to labeling according to	Regulation [EC] No 1272/2008 [CLP]
Safety instructions	see SDS
Disposal instructions	see SDS

For warnings see EC safety data sheet. The above information is the result of thorough research; previous information is hereby invalidated. Check for yourself whether the product is suitable for your purposes. Our possible liability is limited to the value of our product as such. We cannot accept any liability for indirect damage, in particular for the use or unusability of the product. No one is authorized to make recommendations or assurances on our behalf that go beyond the content of our information sheets.