

EGOSILICON 352 STRUCTURE

is a ready-to-use, structured 1-component silicone sealant for permanent sealing in natural stone and sanitary areas, which vulcanizes via reaction with air humidity to form an elastic, abrasion-resistant end product.

CHARACTERISTICS

The product is characterized by the following properties:

abrasion-resistant · compatible with natural stone · free from 2-butanone oxime (MEKO) and methyl isobutyl ketoxime (MIBKO)
fungicide · migration-free · plasticizer-free · textured surface · waterproof · weather, ageing & UV-resistant

APPLICATION AREAS

EGOSILICON 352 is a special silicone with a textured surface for perfectly fitting joints or decorative contrasting joints.

Areas of application:

artificial stone area · natural stone area · sanitary

Good adhesion to: [please note primer table]

artificial stone · granite · marble · natural stone · terracotta flooring · terrazzo · textured material surfaces · tiles

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

non-ferrous metals · EPDM · PE · PP · black coatings · Teflon · bitumen, wax and paraffin-containing substrates

APPLICATION NOTES

- ① Clean the bonding surfaces with EGO REINIGUNGSSPRAY.®
 - ② The bonding surfaces must be clean, dry, stable and free of dust and release agents.
 - ③ In order to obtain optimum adhesion use EGO PRIMER FDF on porous substrates (see Primer Chart).®
 - ④ Process indoors with good ventilation and then continue to ventilate well.
 - ⑤ Use EGO STONE SMOOTHING AGENT for post-treatment.
- * Notes:
- Select cleaner depending on the substrate.
 - Do not prime glass and glass-like surfaces.
 - Own tests or consultation recommended.

STANDARDS AND TESTS

EGOSILICON 352 corresponds to the:

Standards according to:

- DIN EN 18540
- DIN EN 15651-1 F 25 LM EXT-INT-CC
- DIN EN 15651-2 G 25 LM CC
- DIN EN 15651-3 XS1

IVD data sheets:

- No. 3-1, 9, 14, 23, 25, 29, 35

The following tests were achieved by EGOSILICON 352:

European conformity:

- CE marking declaration of performance LE/DoP no. EG03390314

SUSTAINABILITY

VOC requirements:

- French VOC class A+ and CMR regulation



*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	neutral (Oxim)	
Density	approx. 1.0 g/cm ³	DIN EN ISO 1183-1
Application temperature	+5 °C to +40 °C	
Temperature resistance	-60 °C to +150 °C	
Shore A hardness	approx. 24	DIN EN ISO 868
Spray-out behavior	approx. 150 g/min (6mm; 3bar)	DIN EN ISO 8394-1

TECHNICAL DATA

Specifications	Results	In accordance with
Modulus / tensile stress 100%	approx. 0.4 N/mm ²	DIN EN ISO 8339
Volume shrinkage	< 10 %	DIN EN ISO 10563
Elastic Recovery	approx. 100 %	
Allowable total deformation	25%	
Viscosity	stable	DIN EN ISO 7390
Skin formation time	approx. 15-30 minutes (23 °C/50 % RH)	
Vulcanization	approx. 2 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	bianco, terra [see color chart]
Packaging	<ul style="list-style-type: none"> ▪ 310 ml cartridges [20 pieces/carton, 60 cartons/pallet] ▪ Special containers on request
Storage	<p>Can be stored in its original packaging in a cool, dry place (+15 to +25 °C, relative humidity < 60 °C):</p> <ul style="list-style-type: none"> ▪ 12 months [cartridges] <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.