

EGOSILICON 365 ALL IN ONE MATT

is a ready-to-use 1-component silicone sealant for universal and high-quality sealing of all common substrates, which vulcanizes via reaction with air humidity to form an elastic end product.

CHARACTERISTICS

The product is characterized by the following properties:

optimal processing on all common substrates · indoors & outdoors · 100% plasticizer-free · 100% worry-free · fungicide-adjusted weather, ageing & UV-resistant

APPLICATION AREAS

EGOSILICON 365 is suitable for universal waterproofing on sensitive substrates.

Areas of application:

Roof · Facade · Windows · Heating construction · Building construction · Kitchen construction · Clean room · HVAC systems · Sanitary Doors

Good adhesion to: [please refer to primer table]

Aluminum · Concrete · Stainless steel · Enamel · Tile · Glass · Rigid PVC · Wood · Ceramics · Plastic · Metal · Natural stone · Polyacrylate Polycarbonate · Polyester · Porcelain

APPLICATION NOTES

- ① Clean the bonding surfaces with **EGO CLEANER**.*
 - ② The bonding surfaces must be clean, dry, stable and free of dust and release agents.
 - ③ Pre-treatment according to **EGO PRIMER** recommendations.*
 - 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.

NORMEN UND PRÜFUNGEN

EGOSILICON 365 MATT complies with:

Standards according to:

- DIN EN 15651-1 F 20 HM EXT-INT-CC
- DIN EN ISO 16938-1
- DIN EN 45545-2 (HL3) Fire protection requirements set R22/R23

IVD data sheets:

- No. 1, 3-1, 3-2, 23, 25, 29, 35

The following tests were achieved by EGOSILICON 365 MATT:

Test certificate:

- for use in clean rooms and ventilation and air conditioning systems in accordance with VDI 6022 „Hygiene requirements for ventilation and air conditioning systems and devices“ and in accordance with VDI 2083 „Clean room technology“

European conformity:

- CE marking Declaration of Performance LE/DoP No. EG03370314M

NACHHALTIGKEIT

VOC requirements:

- AgBB scheme
- French VOC class A+ and KMR regulation

BMS product verifications:

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

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 1) for EGOSILICON 365 MATT



*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)

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TECHNICAL DATA

Specifications	Results	in accordance with
Cross-linking system	neutral (oxim)	DIN EN ISO 1183-1
Density	approx. 1,4 g/cm ³	
Application temperature	+5°C to +40°C	
Temperature resistance	-60°C to +150°C	
Shore A hardness	approx. 31	DIN EN ISO 868
Spray-out behavior	approx. 145g/min (6mm; 3bar)	DIN EN ISO 8394-1
Modulus / tensile stress 100%	approx. 0,5 N/mm ²	DIN EN ISO 8339
Volume shrinkage	< 10%	DIN EN ISO 10563
Resilience	approx. 90%	DIN EN ISO 7389
Allowable total deformation	20%	
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, normally flammable Euroclass E	DIN 4102 DIN EN 13501

AVAILABILITY AND STORAGE

Colors	white, facade gray, joint gray, stone gray, black, anthracite, boston
Packaging	<ul style="list-style-type: none"> ▪ 310 ml cartridges [20 pieces/carton, 60 cartons/pallet] ▪ 400 ml foil bags [20 pieces/carton, 60 cartons/pallet] ▪ Special containers on request
Storage	<p>Can be stored cool and dry in original packaging (+15 to +25°C, relative humidity < 60°C):</p> <ul style="list-style-type: none"> ▪ 12 months [cartridges] ▪ 24 months [foil bags] <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.