

EGOSILICON 300

Construction close

is a high quality, ready-for-use, one-component silicone sealant which cures with atmospheric moisture at room temperature to form an elastic seal. The coloured product incorporates a fungicide. **EGOSILICON 300** is 2-butanone oxime-free (MEKO-free) as well as methyl isobutyl ketoxime-free (MIBKO-free).

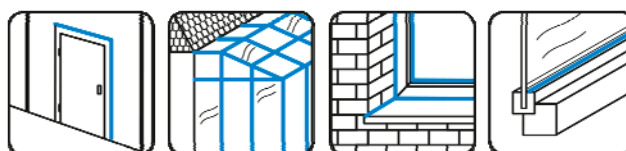
TYPICAL USES

For glazing applications, expansion and connecting joints, concrete, plaster, masonry, metals, tension-free plastics and varnished wood. Avoid contact with critical substrates such as bituminous coatings, EPDM, copper, copper alloys etc. For abrasion-proof sealing use **EGOSILICONE 360** Abrasionproof Window Sealing.

APPLICATION

Adhesion surfaces must be dry, load-bearing and free from dust and substances liable to impair adhesion Do not prime glass and glass-like surfaces. In order to obtain optimum adhesion use Primer **EGOCON FDF** on porous substrates, Primer **EGOCON FDK** on rigid PVC and Primer **EGOCON 790** or **EGO** Primer-Cleaner on suitable metals (see Primer Chart).

NORMS AND TESTS



Meets Requirements of

DIN 18540, DIN 52452-4, A1 paint compatible,
 DIN EN 15651-1 F 25 LM EXT-INT-CC,
 DIN EN 15651-2 G 25 LM CC,
 IVD Instruction Sheets No 9, 14, 19-1, 22, 24, 25, 27,
 28, 29, 31, 35
 VOC emission according to
 - EMICODE EC 1 Plus
 - AgBB 2015
 - French VOC Class A+ and CMR-Regulation
 - LEED® EQ c4.1

Test certificate for use in clean rooms

Test according to Directive „Testing and evaluation of streak formation and abrasion of glazing sealants“ (1998-09))

Quality seal of the IVD- Industrieverband Dichtstoffe e.V.- tested by the ift- Institut für Fenstertechnik e.V. Rosenheim

CE marking - Declaration of Performance LE/DoP-No. EGO3300314

TECHNICAL DATA

Properties	Result	In accordance with
Curing System	neutral (oxime)	
Density	approx. 1.0 to 1.4 g/cm ³	DIN EN ISO 10563
Application Temperature	+ 5 °C to + 40 °C	
Service Temperature	- 60 °C to + 150 °C	
Shore A Hardness	approx. 23	DIN 53505
Extrusion Rate	approx. 320 g/min (6mm; 3 bar)	DIN EN ISO 8394-1
Modulus at 100 % Elongation	approx. 0.4 N/mm ²	DIN EN ISO 8339
Volume Shrinkage	< 10%	DIN EN ISO 10563
Elastic Recovery	approx. 100 %	DIN EN ISO 7389
Movement Accommodation	25%	
Viscosity	non-sag	DIN EN ISO 7389
Skin Formation Time	15 to 30 minutes	
Cure Rate	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

Standard Colours	see EGO colour chart
Packaging	310 ml cartridges, 20 pcs/box 300 ml foil bags, 20 pcs/box 600 ml foil bags, 20 pcs/box special packaging on request
Storage	store in cool and dry conditions in original, unopened packaging. Shelf life cartridges 18 months Shelf life foil bags 24 months

SAFETY INSTRUCTIONS

Meets Requirements of	REACH Regulation (EC) No. 1907/2006
Not hazardous	according to EC No. 1272/2008 (CLP)
Not subject to Labelling	according to EC No. 1272/2008 (CLP)
Safety Guidelines	see EC safety data sheet
Disposal	see EC safety data sheet

Precautions see EC Security Data Sheet. The above specifications are the result of careful research and development. All previous specifications are hereby null and void. Users are themselves responsible for ensuring the suitability of the product for the purpose intended, liability on the part of EGO being limited to the purchase price of the material. EGO cannot accept liability for damage, in particular that caused by the use of the product or its unsuitability, nor can EGO accept responsibility for unauthorized recommendations or guarantees which deviate from or exceed the specifications given in this product data sheet.



Member of the Industrieverband Dichtstoffe e. V. (IVD)



Member of the Institut für Fenstertechnik e. V. Rosenheim



Member of the Bundesinnungsverband des Glaserhandwerks