

EGOSILICON 320

Paint compatible

is a high quality, ready-for-use, one-component, abrasion-proof, paint compatible silicone sealant which cures with atmospheric moisture at room temperature to form an elastic seal. The coloured product contains a fungicide. **EGOSILICON 320** is 2-butanone oxime-free (MEKO-free) as well as methyl isobutyl ketoxime-free (MIBKO-free).

TYPICAL USES

Preferably for sealing window joints and window perimeter joints to be painted after the sealant has been applied. The paint must not cover the sealant edge by more than max.1mm according to DIN 52452-4, A1/A2. Avoid contact with critical substrates such as bituminous coatings, EPDM, non-ferrous metals etc.

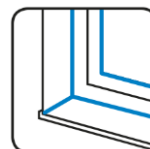
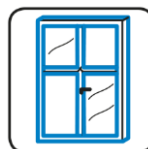
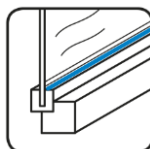
APPLICATION

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



*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)



Meets Requirements of

DIN 18540, DIN 18545-E, DIN 52452-4,
A1/A2 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](#), [10](#), [12](#), [19-1](#), [22](#), [24](#),
[25](#), [27](#), [28](#), [29](#), [31](#), [35](#)
according to the VOC requirements
- French VOC class A+ and CMR-Regulation
- LEED® EQ c4.1

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. EGO3320314

TECHNICAL DATA

Properties	Result	In accordance with
Curing System	neutral (oxime)	
Density	approx. 1.0 resp. 1.4	DIN EN ISO 1183-1
Application Temperature	+ 5 °C to + 40 °C	
Service Temperature	- 60 °C to + 150 °C	
Shore A Hardness	approx. 25	DIN EN ISO 868
Extrusion Rate	approx. 470 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 7390
Skin Formation Time	15 to 30 minutes (23°C/ 50% RH)	
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	white
Packaging	310 ml cartridges, 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.