

EGOSILICON 110

Aquarium Silicone

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 product is free from fungicides.

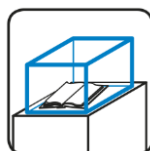
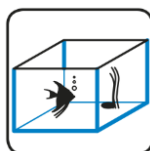
TYPICAL USES

Bonding of frameless aquaria (acc. to DIN 32622) and all-glass structures.

APPLICATION

Adhesion surfaces must be dry, load-bearing and free from dust and substances liable to impair adhesion. Clean with **EGOVIT Cleaning Spray**. Do not prime glass and glass-like surfaces. In order to obtain optimum adhesion on suitable metals use Primer **EGOCON 790** or **EGOCON** Primer-Cleaner (see Primer Chart).

NORMS AND TESTS



Meets Requirements of

DIN EN 15651-2 G 25 LM CC
 DIN 32622, Art. 4.4.2.2
 IVD Instruction Sheets No. 35
 VOC emission according to
 - AgBB 2015
 - French VOC Class A+ and CMR-Regulation
 - LEED® EQ c4.1

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



TECHNICAL DATA

Properties	Result	In accordance with
Curing System	acetoxo	
Density	approx. 1.0 g/cm ³	DIN EN ISO 1183-1
Application Temperature	+ 5 °C to + 40 °C	
Service Temperature	- 60 °C to + 180 °C	
Shore A Hardness	approx. 25	DIN 53505
Extrusion Rate	approx. 140 g/min (6mm; 3 bar)	DIN EN ISO 8394-1
Modulus at 100 % Elongation	approx. 0.5 N/mm ²	DIN EN ISO 8339
Volume Shrinkage	< 5%	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	10 to 20 minutes (23°C/ 50% RH)	
Cure Rate	approx. 3 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

Standard Colours	transparent, black
Packaging	310 ml cartridges, 20 pcs/box Special packaging on request
Storage	store in cool and dry conditions in original, unopened packaging. Shelf life 18 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

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