

## EGO SPIEGELKLEBER ORIGINAL

is a ready-to-use, high-quality, neutrally cross-linking 1C alkoxy-silicone adhesive for permanent bonding in the glass and mirror sector, which vulcanizes via reaction with air humidity to form an elastic end product.

### CHARACTERISTICS

**The product is characterized by the following properties:**

Compatible with commercially available mirror and glass coatings · High mechanical strength · No aggressive cleavage products  
Weather, ageing and UV-resistant · Wide adhesion spectrum

### APPLICATION AREAS

EGO SPIEGELKLEBER is suitable for bonding or edge sealing of mirrors and lacquered glass on a wide variety of substrates. Compatibility with the mirror coatings of well-known manufacturers has been tested. However, we recommend that you carry out your own tests and trials due to factors that cannot be influenced.

**Areas of application:**

Mirror mountings · Lacquered glass fixings using adhesive technology or edge grouting

**Good adhesion to:** [please note primer table]

Aluminium · Ceramic · Clinker brick · Enamel · Glass · Glazed tiles · Glazed wood · Hard PVC · Polyacrylate · Polycarbonate · Polyester  
Porcelain · Stainless steel

### APPLICATION NOTES

- ① All bonding surfaces must be stable, dry and free of dust and release agents.\*
- ② Absorbent substrates such as concrete, plaster, masonry, untreated wood, clinker and plaster must be pre-treated with appropriate primers (please refer to the primer table).\*
- ③ The mirror adhesive is always applied vertically in narrow adhesive strips (max. 10 mm final width) at a distance of approx. 20 cm directly from the cartridge onto the back of the mirror.
- ④ To achieve optimum adhesion, an adhesive area of 2 cm<sup>2</sup> is required per kg of mirror weight.
- ⑤ The distance between the mirror and the adhesive base should be at least 4 mm. Ensure sufficient ventilation behind the adhesive.
- \* Notes:
  - Select cleaner depending on the substrate.
  - Prevent chemical interaction with the substrate.
  - Do not prime glass and glass-like surfaces.
  - Own tests or consultation recommended..

### STANDARDS AND TESTS

**EGO SPIEGELKLEBER complies with the:**

**IVD data sheets:**

- Nr. 29, 30, 35

### SUSTAINABILITY

**VOC requirements:**

- AgBB scheme
- French VOC class A+ and KMR regulation
- Belgian VOC regulation
- LEED® EQ c4.1

**LEED certificate:**

- VOC content

**Listing in baubook:**

- EGO SPIEGELKLEBER is listed in baubook

**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)

**QNG/Quality Seal Sustainable Building:**

- Adhesives and sealants for creating the airtightness of the facade in accordance with BNB\_BN\_1.1.6, Annex 1, Item 9 + QNG-313, Item 4.3
- Adhesives and sealants in interior rooms incl. TGA according to BNB\_BN\_1.1.6, Annex 1, Item 8 + QNG-313, Items 4.1, 4.2



\*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 (Alkoxy)	
Density	approx. 1,2 g/cm <sup>3</sup>	DIN EN ISO 1183-1
Application temperature	+5 °C to +40 °C	
Temperature resistance	-60 °C to +150 °C	
Shore A hardness	approx. 25	DIN EN ISO 868
Spray-out behavior	approx. 330 g/min (6mm; 3bar)	DIN EN ISO 8394-1
Modulus / tensile stress 100%	approx. 0,5 N/mm <sup>2</sup>	DIN EN ISO 8339
Volume shrinkage	< 10 %	DIN EN ISO 10563
Resilience	approx. 100 %	DIN EN ISO 7389
Allowable total deformation	20 %	
Viscosity	stable	DIN EN ISO 7390
Skin formation time	approx. 20 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

### LIEFERUMFANG

Colors	white
Packaging	<ul style="list-style-type: none"> <li>■ 310 ml/389 gram cartridges [20 pieces/carton, 60 cartons/pallet]</li> <li>■ Special packaging on request</li> </ul>
Storage	<p>Can be stored in its original packaging in a cool, dry place:</p> <ul style="list-style-type: none"> <li>■ 9 months</li> </ul> <p>The production or best-before date can be found on the container label.</p>

### SICHERHEITSHINWEISE

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.