

## EGO HYBRID 805 ADHESIVE & SEALING FIX

is a single-component, elastic hybrid adhesive and sealant with a broad adhesion spectrum. The product cures with air humidity to form an elastic end product.

### CHARACTERISTICS

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

compatible with natural stone · compatible with paint · cross-linked neutral · fungicidal · isocyanate-free · migration-free · odorless · silicone-free · solvent-free · virtually no shrinkage · water-resistant · weather, ageing & UV-resistant

### APPLICATION AREAS

EGO HYBRID 805 is suitable for bonding and sealing elastic connection joints in construction and industrial sectors, especially for silicone-free applications indoors and outdoors. The use of EGOSILICONES is recommended for sealing glazing. For assembly and construction bonds that require high initial adhesion and stability, we recommend EGO HYBRID 822, for expansion joints, however, EGO HYBRID 818. EGO HYBRID 805 is a suitable alternative for seals and bonds that require no silicone on the object.

**Areas of application:**

automotive · caravan · concrete construction · doors · facade · floor · food · HVAC systems · metal construction · pedestrian walkways · roof windows · sanitary

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

aluminum · ceramic · concrete · enamel · fiber cement · glass · metal · natural stone · plaster · plastic · stainless steel · wood

**Not or only partially suitable for:** [Own tests assumed and recommended]

Bitumen · PE · PP · silicone · etc.

### APPLICATION NOTES

- ① Clean the bonding surfaces with EGO REINIGER.®
- ② The bonding surfaces must be clean, dry, stable and free of dust and release agents.
- ③ Materials to be bonded or sealed must be properly cleaned and dried before the sealant is applied.
- ④ Very good adhesion to many materials without primer.
- ⑤ EGO PRIMER is recommended on absorbent substrates for optimum adhesion properties.®
- ⑥ The object, material and ambient temperature should not exceed +35 °C during the curing time of the product.
- ⑦ Process indoors with good ventilation and then continue to ventilate well.
- ⑧ Use EGO [STEIN]GLÄTTMITTEL for post-treatment.
- \* Notes:
  - Select cleaner depending on the substrate.
  - Do not prime glass and glass-like surfaces.
  - Own tests or consultation recommended.

### STANDARDS AND TESTS

**EGO HYBRID 805 corresponds to the:**

**Standards according to:**

- DIN EN 15651-1 F 20 HM EXT-INT-CC
- DIN EN 15651-3 XS 1
- DIN EN 15651-4 PW 20 HM EXT-INT-CC
- DIN ISO 16938-1

**IVD data sheets:**

- No. 1, 8, 9, 19-1, 20, 22, 23, 24, 25, 29, 30, 31, 35

**The following tests were achieved by EGO HYBRID 805:**

**Clearance declaration:**

- Food

**European conformity:**

- CE marking declaration of performance LE/DoP no. EGO4051021

**Test certificate:**

- for use in ventilation and air conditioning systems in accordance with VDI 6022 „Hygiene requirements for ventilation and air conditioning systems and devices“.

### SUSTAINABILITY

**VOC requirements:**

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

**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]

## EGO HYBRID 805 ADHESIVE & SEALING FIX

### SUSTAINABILITY

#### Listed in the DGNB Navigator:

- EGO HYBRID 805 is listed in the DGNB Navigator
- EGO HYBRID 805 has been awarded the DGNB-Navigator label with the registration code: 96G460

#### Listing in baubook

- EGO HYBRID 805 is listed in baubook

#### Environmental Product Declaration (EPD):

- Sample EPD [Polyurethane and silane modified polymer based products, group 1]

#### Material requirements for QNG / Sustainable Building Quality Seal:

- Adhesives and sealants in interiors incl. TGA according to BNB\_BN\_1.1.6, Annex 1, item 8 and QNG-313, items 4.1, 4.2
- Adhesives and sealants for creating the airtightness of the façade in accordance with BNB\_BN\_1.1.6, Annex 1, Item 9 and QNG-313, Item 4.3



\*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
Material basis	SMP hybrid polymer, single-component	
Density	approx. 1.5 g/cm <sup>3</sup>	DIN EN ISO 1183-1
Handling Temperature	+5 °C to +35 °C	
Temperature resistance	-30 °C to +100 °C [Up to 120 °C for short periods]	
Shore A Hardness	approx. 55	DIN EN ISO 868
Acceptable total deformation	20 %	
Resilience	approx. 80 %	DIN EN ISO 7389
Module / tensile stress 100 %	approx. 1.1 N/mm <sup>2</sup>	DIN 53504
Tensile strenght	approx. 2.3 N/mm <sup>2</sup>	DIN 53504
Elongation at break	approx. 450 %	DIN 53504
Viscosity	stable	DIN EN ISO 7390
Skin Formation Time	approx. 15-20 min. [at 23 °C and 50 % RH]	
Vulcanisation	2-3 mm / 24 hours [at 23 °C and 50 % RH]	
Building Material Class	B2, normally flammable Euro-class E	DIN 4102 DIN EN 13501

### AVAILABILITY AND STORAGE

Colors	<ul style="list-style-type: none"> <li>■ white, light grey</li> <li>■ other colors on request</li> </ul>
Packaging	<ul style="list-style-type: none"> <li>■ 290 ml cartridges [20 pieces/carton, 60 cartons/pallet]</li> <li>■ 600 ml foil bags [20 pieces/carton, 60 cartons/pallet]</li> </ul>
Storage	Original packaging is cool and dry storable [+15 °C until +25 °C, relative humidity <60%]: <ul style="list-style-type: none"> <li>■ 15 months [cartridges, foil bags]</li> </ul>

### SAFETY INFORMATION

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.