

EGO HYBRID 825 HIGH TACK

is a one-component, high-adhesion and elastic hybrid assembly and construction adhesive that cures with atmospheric moisture to form an elastic final product and offers high mechanical resistance as well as extremely high initial adhesion.

CHARACTERISTICS

The product is characterized by the following properties:

tested resistance to ageing and weathering · odourless · good moisture resistance · high absorption of acoustic vibrations · extremely high initial adhesion · high mechanical resistance · isocyanate-free · solvent-free [as defined by TRGS 610] · fast curing · shrink-free silicone-free

APPLICATION AREAS

EGO HYBRID 825 is suitable for universal, high-quality bonding applications indoors and outdoors. For bonding and mounting a wide range of materials, such as window sills, skirting boards, decorative mouldings and stair treads. Due to its extremely fast strength development and very high initial strength of > 300 kg/m², components are reliably fixed immediately after installation. The bond can be subjected to load after approx. 20 minutes and is resistant after approx. 3 hours. Final strength is achieved once fully cured. Bonding is also possible on slightly damp, but not wet, substrates. Once fully cured, the adhesive provides high water resistance. For sealing glazing, the use of EGO silicones is recommended. EGO HYBRID 805 and EGO HYBRID 818 are suitable for expansion joints and sealing applications where silicone-free solutions are required on the substrate.

Areas of application:

Automotive · Concrete construction · Tiles · Glass construction · Wood construction · Metal construction · Furniture manufacturing
Mirrors · Steel construction

Good adhesion to: [please note primer table]

Concrete · Tile · Fiberglass · Glass · Wood · Metal · PVC · Zinc

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

Coatings that cause plasticizer migration and other incompatibilities · Bitumen · PE · PP · Silicone and silicone-coated surfaces

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. The materials to be bonded must be properly cleaned before applying the adhesive.
- ③ Very good adhesion to many materials without primer.
- ④ EGO PRIMER is recommended on absorbent substrates for optimum adhesion properties.*
- ⑤ The object, material and ambient temperature should not exceed +35 °C during the curing time of the product.
- ⑥ Use EGO 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 825 corresponds to the:

IVD data sheets:

- No. 19-1, 25, 29, 30, 35

ENVIRONMENTAL AND EMISSIONS INFORMATION

VOC requirements:

- EMICODE EC1 PLUS
- AgBB scheme 2021 [Loading 0,007m²/m³]
- French VOC class A+ and CMR Regulation
- LEED® EQ c4.1

BMS product verifications:

- DGNB New Building 18 and DGNB New Building 23
- QNG Plus Version
- BNB - Assessment System for Sustainable Building
- EU taxonomy
- LEED v4.1
- BREEAM DE New Build 2018 & BREEAM International 2016



*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. 1.6 g/cm ³	DIN EN ISO 1183-1
Application Temperature	+5 °C to +35 °C	
Temperature Resistance	-40 °C to +100 °C	
Module / tensile stress 100 %	approx. 2.0 N/mm ²	DIN 53504
Tensile strength	approx. 2.7 N/mm ²	DIN 53504
Elongation at break	approx. 300 %	DIN 53504
Initial adhesion	> 300 kg/m ²	LAB-31
Viscosity	non-sag	DIN EN ISO 7390
Skin Formation Time	approx. 25 min. [at 23 °C and 50 % RH]	
Vulcanisation	2-3 mm / 24 Std. [at 23 °C and 50 % RH]	

AVAILABILITY AND STORAGE

Colors	■ white, black
Packaging	■ 290 ml cartridges [20 pieces/carton, 60 cartons/pallet]
Storage	Original packaging is cool and dry storable [+15 °C until +25 °C, relative humidity <60%]: ■ 9 months

SAFETY INSTRUCTIONS

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.