

EGO HYBRID 820 FOLIENKLEBER

is a single-component, permanently adhesive hybrid adhesive specially developed for a very wide range of substrates. The product forms an air-, wind-, and rain-tight adhesive/sealing film for sealing connection films.

CHARACTERISTICS

The product is characterized by the following properties:

waterproofing requirements according to GEG or DIN 4108-7 · excellent adhesion to many substrates, even without a primer · airtight windproof · vapor-tight · permanently flexible · moisture-resistant · thixotropic · odorless · isocyanate- and solvent-free · silicone-free · neutral-curing

APPLICATION AREAS

EGO HYBRID 820 FOLIENKLEBER is suitable for bonding and sealing vapor-permeable and vapor-tight window flashing films or roof underlayment membranes made from materials that are difficult to bond, such as PE, PP, PVC, or blended fabrics.

Areas of application:

Waterproofing and flashing membranes · Roof underlayment · Drywall panels

Good adhesion to: [please note primer table]

Aluminum · Concrete · EPS · Fiber cement · Wood · Metal [corrosion-resistant] · PC · PE · PMMA · PP · PS · Stucco · Non-woven fabric
XPS · Brick

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. Also suitable for slightly damp, mineral-based surfaces.
 - 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 +45 °C during the curing time of the product.
 - ⑦ Ensure that the bonded area is adequately ventilated. EGO HYBRID 820 should therefore be applied from the cartridge in a 6-8 mm thick, parallel bead.
 - ⑧ If necessary, smooth out any unevenness caused by a thicker application.
 - ⑨ EGO HYBRID 820 is applied to one or both sides of the substrate, and then the appropriate waterproofing or flashing membrane is secured in place with light pressure without being pressed firmly.
- * Notes:
- Select cleaner depending on the substrate.
 - The adhesive cures to form a permanently tacky surface, allowing it to adhere even to difficult surfaces.
 - Own tests or consultation recommended.

STANDARDS AND TESTS

EGO HYBRID 820 corresponds to the:

IVD data sheets:

- No. 9, 19-2, 35

SUSTAINABILITY

VOC requirements:

- EMICODE EC1 PLUS
- AgBB scheme [Load 0.007m²/m³]
- french VOC class A+ and KMR regulation

BMS product verifications:

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

Environmental Product Declaration [EPD]:

- Muster-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. 1,34 g/cm ³	DIN EN ISO 1183-1
Shore A hardness	16	
Handling Temperature	from +5 °C to +35 °C	
Temperature resistance	-30 °C to +90 °C	LAB-TN57
Volume loss	< 5 %	DIN EN ISO 10563
Viscosity	paste-like, thixotropic consistency, permanently tacky	
Skin Formation Time	approx. 180 min. with self-adhesive surface	

AVAILABILITY AND STORAGE

Colors	<ul style="list-style-type: none"> ▪ white, grey, black
Packaging	<ul style="list-style-type: none"> ▪ 290 ml cartridges [20 pieces/carton, 60 cartons/pallet] ▪ 300 ml foil bags [20 pieces/carton, 60 cartons/pallet] ▪ 400 ml foil bags [20 pieces/carton, 60 cartons/pallet] ▪ 600 ml foil bags [20 pieces/carton, 60 cartons/pallet]
Storage	<p>Original packaging is cool and dry storable [+15 °C until +25 °C, relative humidity <60%]:</p> <ul style="list-style-type: none"> ▪ 12 months [cartridges, foil bags]

SAFETY INFORMATION

Complies with	Regulation [EC] No 1907/2006 [REACH]
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.