

EGO SMP 822 ASSEMBLY PRO

is a one-component, high-tack and elastic hybrid, assembly and construction adhesive that cures with air humidity to form an elastic end product and offers high mechanical resistance and high initial adhesion.

CHARACTERISTICS

The product is characterized by the following properties:

fast curing · good moisture resistance · high absorption of acoustic vibrations · high initial tack · high mechanical resistance · isocyanate-free · odorless · resistance · shrink-free · silicone-free · solvent-free · weather, ageing & UV-resistant

APPLICATION AREAS

EGO SMP 822 is suitable for universal and high-quality bonding indoors and outdoors. Not suitable for permanent exposure to water and as a joint sealant. The use of EGOSILICON is recommended for sealing glazing. For EGO SMP 805 and EGO SMP 818 are suitable for expansion joints and seals that require the object to be silicone-free.

Areas of application:

automotive · concrete construction · furniture construction · glass construction · metal construction · mirrors · steel construction tiles · timber construction

Good adhesion to: [please note primer table]

concrete · glass · lead · metal · mirror · natural stone · polystyrene · various plastics · wood · zinc

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

bitumen · coatings that lead to plasticizer migration and other incompatibilities · PE · PP · siliconized surfaces · tar · etc.

APPLICATION AREAS

- ① Clean the bonding surfaces with EGO CLEANER.*
 - ② The bonding surfaces must be clean, dry, stable and free of dust and release agents. Materials to be bonded must be properly cleaned before the adhesive is applied.
 - 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 Process indoors with good ventilation and then continue to ventilate well.
 - ⑦ Use EGO SMOOTHING AGENT 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 SMP 822 corresponds to the:

IVD data sheets:

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

SUSTAINABILITY

VOC requirements:

- EMICODE EC1^{PLUS}
- AgBB
- LEED® EQ c4.1



*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 ³	DIN EN ISO 1183-1
Handling Temperature	+5 °C to +35 °C	
Temperature resistance	-40 °C to +100 °C	
Shore A Hardness	approx. 65	DIN EN ISO 868
Modulus at 100 % Elongation	approx. 1.6 N/mm ²	DIN 53504
Tensile strength 100 %	approx. 2.7 N/mm ²	DIN 53504
Elongation at break	approx. 250 %	DIN 53504
Initial tack	> 30g/cm ²	

TECHNICAL DATA

Specifications	Results	in accordance with
Viscosity	stable	DIN EN ISO 7390
Skin Formation Time	approx. 10 min. (at 23 °C and 50 % RH)	DIN 53504
Vulkanisation	2-3 mm / 24 hours (at 23 °C and 50 % RH)	

AVAILABILITY AND STORAGE

Colors	<ul style="list-style-type: none">white, black
Packaging	<ul style="list-style-type: none">290 ml cartridges [20 pieces/carton, 60 cartons/pallet]special packaging on request
Storage	Original packaging is cool and dry storable: <ul style="list-style-type: none">15 months

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.