

EGO SMP 822

MONTAGEPROFI

is a one-part, odourless **SMP** hybrid assembly adhesive with very high initial adhesion that cures with atmospheric moisture to form an elastic seal. **EGO SMP 822** is free from solvents, silicone and isocyanate, vibration absorbing, does not shrink and features high mechanical resistance, as well as good weather and moisture resistance.

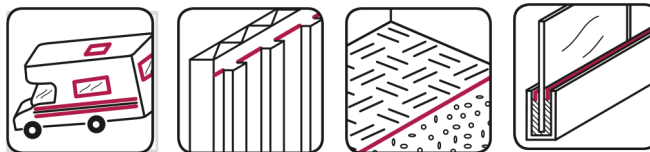
TYPICAL USES

For universal, high-quality internal and external bonds. Bonding in metal, automotive, steel, glass, furniture, wood and concrete construction etc. **EGO SMP 822** adheres to a wide variety of substrates such as metal, concrete, wood, lead, zinc, mirror, natural stone, polystyrene and other plastics. In case of humid substrates please carry out test prior to use and/or contact us. Insufficient adhesion to PE, PP, silicone or siliconized surfaces. Do not use on bitumen, tar or coatings that may lead to plasticizer migration and other incompatibilities. Ideally suited for objects that require silicone-free bonds. The use of **EGOSILICONEN** is recommended for sealing of glazing. For objects requiring silicone freedom, we recommend **EGO SMP 822** as a mounting and construction adhesive with high initial adhesion, **EGO MS 805** for universal sealing and bonding, **EGO SMP 818** especially for expansion joints.

APPLICATION

Adhesion surfaces must be clean, dry, load-bearing and free from dust, grease and loose coatings. Materials to be bonded must be cleaned thoroughly before the application of the adhesive. Excellent primerless adhesion to many substrates. During curing of the sealant/adhesive substrate, material and ambient temperature should not exceed + 35 °C.

NORMS AND TESTS



Meets Requirements of

IVD Instruction Sheets No. [19-1](#), [25](#), [29](#), [30](#), [35](#)

VOC requirements according to EMICODE EC1Plus

LEED® compliant EQ c4.1

Baubook Austria Declaration



Qualitäts-
Produkte

TECHNICAL DATA

Properties	Result	In accordance with
Material Basis	MS hybrid polymer one-part	
Density	approx. 1.5 g/cm ³	DIN EN ISO 1183-1
Application Temperature	+ 5 °C to + 35 °C	
Service Temperature	- 40 °C to + 120 °C (briefly +180 °C, max. 30min)	
Shore A Hardness	approx. 65	DIN EN ISO 868
Modulus at 100 % Elongation	approx. 1,6 N/mm ²	DIN 53504
Tensile strenght 100 %	approx. 2,7 N/mm ²	DIN 53504
Elongation at break	approx. 250%	DIN 53504
Initial tack	> 30g/cm ²	
Consistency	non-sag	DIN EN ISO 7390
Skin Formation Time	10 minutes (at 23 °C and 50 % RH)	DIN 53504
Full Cure	2-3mm/24 hours (at 23 °C and 50 % RH)	

AVAILABILITY AND STORAGE

Standard Colours	White, black
Packaging	290 ml cartridges, 20 cartridges/box special packaging on request
Storage	store in cool and dry conditions in original, unopened packaging. Shelf life 15 months

SAFETY INSTRUCTIONS

Meets Requirements of	REACH Regulation (EC) No. 1907/2006
Not hazardous	according to EC No. 1272/2008 (CLP)
Not subject to Labelling	according to EC No. 1272/2008 (CLP)
Safety Guidelines	see EC safety data sheet
Disposal	see EC safety data sheet

Precautions see EC Security Data Sheet. The above specifications are the result of careful research and development. All previous specifications are hereby null and void. Users are them selves responsible for ensuring the suitability of the product for the purpose intended, liability on the part of EGO being limited to the purchase price of the material. EGO cannot accept liability for damage, in particular that caused by the use of the product or its unsuitability, nor can EGO accept responsibility for unauthorized recommendations or guarantees which deviate from or exceed the specifications given in this product data sheet.

