



Qualitäts-
Produkte

EGOFLEX 423

PUR Sealant for Floor and Connection Joints

is a one-part, elastic, solvent-free and odourless polyurethane sealant that cures with atmospheric moisture. The material is mechanically and chemically resilient, is characterized by very good resistance and does not require any training for the safe use of products containing diisocyanate.

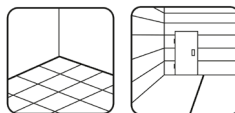
TYPICAL USES

Sealing of interior and exterior floor and connection joints e. g. in warehouses, underground car parks, production halls, courtyard areas, parking decks, entrance halls, staircases, in concrete and screed, sewage plants, tunnels and cleanrooms.

APPLICATION

Adhesion surfaces must be dry, load-bearing and free from dust and release agents. In order to optimise adhesion on absorbent, mineral substrates use **EGO PRIMER PUR**. In case of coated floors please contact us or carry out tests prior to use (see Primer Chart). Do not use for glazing applications, in swimming pools and on bituminous or other substrates liable to oil or plasticiser migration such as EPDM.

NORMS AND TESTS



Meets Requirements of

DIN EN ISO 11600 F 25 HM
 DIN EN 15651-PW 25 HM EXT-INT-CC
 EN 14188-2 PW 25HM EXT-INT CC
 VOC requirements according to:
 - EMICODE EC1^{Plus}
 - LEED v4 EQc 2: Low emission materials
 GISCODE: PU10
 Compatibility on many less absorbent natural stones
 ISO 16938-1
 Requirements for clean room
 IVD Instruction Sheets No. [1](#), [21](#), [24](#), [29](#), [31](#), [35](#)

Certificate of compliance for direct food contact

Test according to DIN EN ISO 11600 F 25 HM

Testing based on the construction and testing principles for sewage systems

CE marking - Declaration of Performance LE/DoP-No. EGO3430314





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TECHNICAL DATA

Properties	Result	In accordance with
Material Basis	polyurethane	
Density	approx. 1.3 g/cm ³	DIN EN ISO 1183-1
Application Temperature	+ 5 °C to+ 40 °C	
Service Temperature	- 40 °C to + 80 °C	
Shore A Hardness	approx. 35	DIN EN ISO 868
Modulus at 100 % Elongation	approx. 0.6 N/mm ²	DIN EN ISO 8339
Elastic Recovery	> 90%	DIN EN ISO 7389
Elongation at break	Approx. 800 %	ISO 37
Tear strength	9N/mm ²	
Volume Shrinkage	25%	
Viscosity	non-sag	DIN EN ISO 7390
Skin Formation Time	approx. 65 minutes (23°C/ 50% RH)	
Cure Rate	approx. 3 mm/24 hours	
Chemical Resistance	Resistant to water, sea water, cement milk, neutral aqueous cleaning agents, weak bases and acids. Not resistant to alcohols, conc. alkalis and acids. Caution: Joints exposed to chemicals are maintenance joints. The resilience of the sealants is limited by chemicals.	
Building Material Class	B2, normally flammable Euroclass E	DIN 4102 DIN EN 13501

AVAILABILITY AND STORAGE

Standard Colours	concrete grey
Packaging	600 ml foil bags, 20 foil bags/box special packaging on request
Storage	store in cool and dry conditions in original, unopened packaging. Shelf life 12 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 themselves 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.

