

EGOCRYL 500 UNIVERSAL ACRYLIC

is a high-quality, ready-to-use, physically drying 1-component acrylic dispersion sealant with a permissible total deformation of 25% to compensate for slight movements.

CHARACTERISTICS

The product is characterized by the following properties:

paint-compatible · solvent-free · silicone-free · smooth application · ZGV of 25% · complies with EN 15651-1 F12.5 E EXT-INT · weather, ageing & UV-resistant

APPLICATION AREAS

EGOCRYL 500 is suitable for sealing interior/exterior and connecting joints and for repairing cracks in walls.

Areas of application:

Ceilings · Windows · Plastic pipes · Lightweight walls · Roller shutter boxes · Doors

Good adhesion to: [please note primer table]

Aluminum · Concrete · Fiber cement · Plasterboard · Wood · Sand-lime brick · Aerated concrete · Plaster · Rigid PVC · Brickwork

APPLICATION NOTES

- ① Clean the bonding surfaces with **EGO CLEANER**.*
 - ② The bonding surfaces must be clean, dry, stable and free of dust and release agents.
 - ③ Pre-treatment according to **EGO PRIMER** recommendations.*
 - ④ The contact surfaces must be damp but not wet.
 - ⑤ For highly absorbent substrates, apply the product diluted 1:4 with water as a primer.
- * Notes:
- Select cleaner depending on the substrate.
 - Own tests or consultation recommended.

STANDARDS AND TESTS

EGOCRYL 500 corresponds to the:

Standards according to:

- DIN EN 15651-1 F 12,5 E EXT-INT
- DIN EN ISO 11600 F 12,5 E

IVD data sheets:

- No. 8, 9, 12, 16, 19-2, 20, 22, 24, 29, 31, 35

The following tests were achieved by EGOCRYL 500:

European conformity:

- CE marking declaration of performance LE/DoP no. EGO3900314

SUSTAINABILITY

VOC requirements:

- french VOC class A+ and KMR regulation
- LEED® EQ c4.1

Quality seal:

- IVD - Industrieverband Dichtstoffe e.V. - tested by ift - Institut für Fenstertechnik e.V. Rosenheim



*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

Properties	Result	in accordance with
Material base	acrylic dispersion	
Density	approx. 1,5 g/cm ³	DIN EN ISO 1183-1
Application Temperature	+5 °C to +40 °C	
Service Temperature	-20 °C to +80 °C	
Shore A Hardness	approx. 15	DIN EN ISO 868
Extrusion Rate	approx. 83g/min [6mm; 3 bar]	DIN EN ISO 8394-1
Modulus at 100 % Elongation	approx. 0,1 N/mm ²	DIN EN ISO 8339 [Procedure A]
Volume Shrinkage	< 25 %	DIN EN ISO 10563

EGOCRYL 500 UNIVERSAL ACRYLIC

TECHNICAL DATA

Properties	Result	in accordance with
Movement Accommodation	25 % 12,5 %	DIN EN ISO 9046 DIN EN 15651-1
μ-Value	approx. 3500	DIN 52615
Sd-Value	$Sd = \mu \times d$	d = Thickness of the track in [m]
Viscosity	stable	DIN EN ISO 7390
Skin Formation Time	approx. 15 minutes [23 °C/50 % RH]	
Weather Resistance	resistant to wind-driven rain after 2 to 6 hours [depending on weather conditions]	
Ignition Temperature	approx. 450 °C	DIN 51794
Building Material Class	B2, normally flammable Euroclass E	DIN 4102 DIN EN 13501

AVAILABILITY AND STORAGE

Colors	white, grey [see color chart]
Packaging	<ul style="list-style-type: none"> ■ 310 ml cartridges [20 pieces/carton, 60 pieces/carton] ■ 600 ml foil bags [20 pieces/carton, 60 pieces/carton]
Storage	Original packaging is cool and dry storable: <ul style="list-style-type: none"> ■ 12 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.