

KLB-SYSTEM ACRYL

Beschleuniger 10

Reactive accelerator for PMMA resins at low processing temperatures of under 0 °C / 32 °F

Packaging units

Article no.	Packaging	Content (kg)	Units/pallet
MA0002-97	Bottle	0.20 kg	240
MA0002-92	Bottle	1.00 kg	240

Product characteristics

Processing temperature	Below 0 °C / 32 °F (room and floor temperature)
Shelf life	6 months

Product description

KLB-SYSTEM ACRYL AC Beschleuniger 10 is a curing accelerating agent for acrylic resins for cold temperatures below 0 °C / 32 °F. Blend into the acrylic resin right before processing along with the additives mixed sand **KLB-Mischsand 2/1**, and pigment – if desired (5% for **KLB-SYSTEM ACRYL AC 313/320/390**, 10% for **KLB-SYSTEM ACRYL AC 820/826**), until a homogeneous, streak-free compound forms. The reaction does not start yet due to the addition of the accelerator but after adding the hardener powder. Process the material according to the respective product information.

The use of **KLB-SYSTEM ACRYL AC Beschleuniger 10** generally leads to a yellowing of the AC resins. Sealers should therefore only be pigmented.

Product features

- time-saving

Technical data

Viscosity	2	mPas	DIN EN ISO 3219 (23 °C / 73.4 °F)
Density	0.94	kg/l	DIN EN ISO 2811-2 (20 °C / 68 °F)
Flashpoint	93 °C / 199.4	°F	DIN 51755

The values established in tests are average values. Deviations from the product specification may occur.

Mixing

Temperature °C / °F	KLB AC 20		KLB AC 313/320/390		KLB AC 820/826	
	Hardener powder (weight-%)	Accelerator, liquid (weight-%)	Hardener powder (weight- %)	Accelerator, liquid (weight-%)	Hardener powder (weight- %)	Accelerator, liquid (weight-%)
30 / 86	2	no	1	no	1.0	no
20 / 68	3	no	2	no	1.5	no
10 / 50	5	no	4	no	2.0	no
5 / 41	6	no	6	no	3.0	no
0 / 32	6	0.5	6	0.5	4.0	0.5
-10 / 14	6	1.0	6	1.0	4.0	1.0
-20 / -4	6	2.0	6	2.0	4.0	2.0
-25 / -13	6	2.5	6	2.5	4.0	2.5
-30 / -22	6	3.0	6	3.0	4.0	3.0

Processing

KLB-SYSTEM ACRYL AC Beschleuniger 10 is suitable for processing and application temperatures below 0 °C / 32 °F. Never add the accelerator above 5 °C / 41 °F. The amount to be added is stated in weight-% dependent on the resin component.

Storage

Store in a cool and dry place. Follow the storage instructions in the safety data sheet. Store the containers tightly closed in a well-ventilated place.

Special remarks

The accelerator must NEVER be added above a temperature of 5 °C / 41 °F, as this will lead to uncontrollably rapid reactions! Always add the accelerator first and stir it in carefully before adding the hardener powder. The accelerator must NEVER come into direct contact with the hardener powder. The substances must be stirred into the resin one after the other. Contact between AC Beschleuniger 10 and the hardener powder leads to uncontrollably rapid reactions! The product is regulated by the German Ordinance on Hazardous Substances (GefStoffV), the German Ordinance on Industrial Safety and Health (BetrSichV), and transport regulations for hazardous goods. The necessary information is contained in the DIN Safety Data Sheet. Observe all identification information on the container label! The CE marking can be found in the product information of the respective methacrylic resins.



Please consider the latest version of this product information on our website.

All stated information is based on our experience and technical preparation. We guarantee the correct and proper quality of our products. We do not assume any responsibility for the work not carried out by us, since we have no influence on the processing or processing conditions. We recommend on-site trials to be conducted in individual cases. With the publication of this new KLB product information, all prior information loses validity. The latest version is available electronically on our website www.klb-koetzal.com. In addition, our "General Terms and Conditions" apply.