CHEMORESIN
eine Marke der KLB Kötztal Lacke + Beschichtungen GmbH

CHEMORESIN PU-BETON 4094 KAT

Additive for accelerating the hardening time and accessability of CHEMORESIN PU-BETON coverings

Packaging units

Article no.	Packaging	Content (kg)	Units/pallet
PU6182-70	Canister	5.00 kg	108

Product characteristics

Processing time	according to table
Processing temperature	from 5 °C / 41 °F up to a maximum of 25 °C / 77 °F
Curing time (accessibility)	based on additive quantity, see table
Further coatings	as soon as accessible, according to additive quantity based on temperature, see table
Shelf life	12 months (originally sealed) – **Store frost-free!**

Product description

CHEMORESIN PU-BETON 4094 KAT is a reaction accelerator specially designed for the hardening of CHEMORESIN PU-BETON coverings. By adding it, the reaction can be significantly accelerated and the time until walkability reduced to 3 - 4 hours. This can save an enormous amount of time for the subsequent reworking or use of the covering and allows renovations to be carried out within a short time frame.

Please note that accelerating the reaction also considerably reduces the processing time. We recommend using suitable packaging sizes and working with a sufficiently experienced installation team.

Area of application

- For accelerating the primer **CHEMORESIN PU-BETON 4051**, the top sealer **CHEMORESIN PU-BETON 4080** or the mortar coverings **CHEMORESIN PU-BETON 4004, 4006, 4009, 4012** and **4045**.
- The mechanical characteristics indicated in the product informations remain unchanged.

Product features

- time-saving
- one-component
- short curing times
- PU-Beton system component

Technical data

Density	approx. 1.0	kg/l	DIN EN ISO 2811-2 (20 °C / 68 °F)

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

Mixing

Measure the accelerator **CHEMORESIN PU-BETON 4094 KAT** according to the dosage table. Mix Components A, B and C as specified on the technical data sheet of the respective PU-BETON product. Then, after a mixing time of 2 minutes, add the accelerator and finish mixing thoroughly. Then proceed with the application, following the instructions on the technical data sheets for the products of the CHEMORESIN PU-BETON range.

Accelerating CHEMORESIN PU-BETON 4004/4006/4009/4045 with the addition of CHEMORESIN PU-BETON 4094 KAT

Temperature °C / °F	Addition of catalyst (ml into Component A)	Processing time (minutes)	Hardening time - accessability (hours)
5 - 10 / 41 - 50	70 ml SU and 140 ml DU*	12 - 18	6 - 8
	130 ml SU and 260 ml DU*	10 - 15	4 - 5
10 - 15 / 50 - 59	50 ml SU and 100 ml DU*	8 - 12	5 - 6
	90 ml SU and 180 ml DU*	5 - 8	3 - 4
15 - 20 / 59 - 68	25 ml SU and 50 ml DU*	9 - 13	4 - 6
	45 ml SU and 90 ml DU*	8 - 12	3 - 4
20 - 25 / 68 - 77	18 ml SU and 36 ml DU*	8 - 12	3 - 4

* Addition per standard unit (SU) or double unit (DU)

Accelerating CHEMORESIN PU-BETON 4051 with the addition of CHEMORESIN PU-BETON 4094 KAT

Temperature °C / °F	Addition of catalyst (ml into Component A)	Processing time (minutes)	Hardening time - accessability (hours)
5 - 10 / 41 - 50	40 ml SU and 120 ml BC*	12 - 18	8 - 10
	100 ml SU and 300 ml BC*	10 - 15	5 -7
10 - 15 / 50 - 59	25 ml SU and 75 ml BC*	8 - 12	6 - 8
	75 ml SU and 225 ml BC*	5 - 8	4 - 5
15 - 20 / 59 - 68	10 ml SU and 30 ml BC*	9 - 13	5 - 7
	18 ml SU and 54 ml BC*	8 - 12	4 - 5

* Addition per standard unit (SU) or bulk container (BC)

Accelerating CHEMORESIN PU-BETON 4080 with the addition of CHEMORESIN PU-BETON 4094 KAT

Temperature °C / °F	Addition of catalyst (ml into Component A)	Processing time (minutes)	Hardening time - accessability (hours)
10 - 15 / 50 - 59	7 ml SU and 21 ml BC*	8 - 12	8 - 10
	15 ml SU and 45 ml BC*	5 - 8	6 - 8
15 - 20 / 59 - 68**	8 ml SU and 24 ml BC*	10 - 13	6 - 8
	15 ml SU and 45 ml BC*	5 - 8	4 - 5

* Addition per standard unit (SU) or bulk container (BC)
** no addition of > 20 ml, as otherwise a glossy surface is obtained

Accelerating CHEMORESIN PU-BETON 4012 with the addition of CHEMORESIN PU-BETON 4094 KAT

Temperature °C / °F	Addition of catalyst (ml into Component A)	Processing time (minutes)	Hardening time - accessability (hours)	Further coatings
ca. 5 /approx. 41	20 ml	Ca. 15	2	1 h
5 - 10 / 41 - 50	15 ml	Ca. 15	2	1 h
10 - 15 / 50 - 59	10 ml	ca. 15	2	1 h
15 - 20 / 59 - 68	5 ml	ca. 15	2	1 h

Processing

CHEMORESIN PU-BETON 4094 KAT is primarily used for processing or application temperatures below 20 °C / 68 °F. When using with **CHEMORESIN PU-BETON 4051** or **CHEMORESIN PU-BETON 4080**, the accelerator must not be added above 20 °C / 68 °F.

The quantities to be added are indicated in volume on a packaging unit.

Application must be carried out in accordance with the instructions given in the product information. Reaction times accelerate, which must be taken into account when adding the accelerator. We recommend working with a sufficiently trained installation team.

For dosing, a dispenser adapted to the packaging as well as a measuring jug are available. Please order them together with the material. The dosage can be done with the measuring jug, but should be the same from batch to batch. If required, the catalyst dosage can be increased or reduced to a small extent.

Storage

Store in dry and at frost-free conditions. Ideal storage temperature is between 10 - 20 °C / 50 - 68 °F. Bring to a suitable working temperature before application. Process complete packaging units only!

Special remarks

The product is regulated by the German Ordinance on Hazardous Substances (GefStoffV) and the German Ordinance on Industrial Safety and Health (BetrSichV). 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.

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