



## Rokryl®Härter 330

Hardener/activator for the Rokryl® resins

Modified organic peroxide for the safe hardening of all Rokryl® resins and adhesive. Rokryl®Härter 330 is a powder which is free flowing and fine grained. Thus, the dosage is easy and it dissolves fast in the resins. The safe and fast reaction, even at low temperatures give to the product his peculiarity.

### Properties

Composition	Benzoyl peroxide, phlegmatised
Aspect	Fine grained, white or slightly yellow
Odour	Weak, organic
Bulk density	~ 1 g/cm <sup>3</sup>
Decomposition	> 60°C

### Packaging

Rokryl®Härter 330	Bucket, tin plate, 10 kg
	Hobbock, tin plate with 30 kg
	Can, 1 kg

### Hardening reaction with Rokryl®Härter 330

The acrylate resins of the Rokryl® products harden through „radical initiated“ polymerisation. The principle is simple: the hardener - in our case the Rokryl®Härter 330, is chemically unstable. When the resin comes in contact with the Rokryl®Härter 330, the hardener decomposes in two radicals which are highly reactive. The radicals react with the acrylic group of the resins and activate the reaction.

**Important:** This principle makes basically the difference between the Rokryl®-resins and the hardening reactions of the PUR- and EP- resins in which the resin and the hardener are always mixed in exact ratio.

The additional quantity of the hardener is variable and not critical within certain limits. However, the quantity of the hardener influences the processing time and also the time until the complete hardening.

The experienced applicator has the possibility, easily on site, the setting time to influence, thus its work.

### Dosage

The dosage of the Rokryl®Härter 330 influences the processing time and the setting time within certain limits. The influence of the temperature is also compensated through the quantity of the hardener.

Example:

Temperature °C	Rokryl®Härter 330 Vol. %	tGel Rokryl®325*	setting time Rokryl®325**
+ 5°	5 %	25 min.	70 min.
+ 10°	4 %	25 min.	60 min.
+ 20°	2 %	20 min.	45 min.
+ 30°	1 %	25 min.	50 min.

\*) Temperature of the resin when mixed with the hardener

\*\*\*) Temperature of the substrate

The Rokryl®resins harden also during frost. By adding Rokryl® Aktivator 586 to the the powder of the hardener, a perfect processing is possible at -10°C, and through a special formula until -20°C.

## Storage and security

Minimum 2 years in closed original container stored, cold, dry and protected from light.

The product contains benzoylperoxide, an highly oxidant, which decomposes exothermically at high temperatures and can cause fires! Please take notice of further informations of the product in the safety data sheets.

Rokryl®Härter 330 not with external products, with amine or accelerator for other resins and never direct mixing with Rokryl®586 !



These technical information describe the present-day state of knowledge these product. They should only inform about the possibilities of application and could not release the applicator of his commitment to check the possibility to use the product for the required application. Information for processing can be found in processing instructions of our product. Information about safe handling can be found in our current safety data sheet.

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**ARCAN Waterproof**  
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