

Rokryl®324

Elastomeric Concrete Mortar with high setting speed

Rokryl®324 products are tough flexible resin mortars with high compressive strength and high bending tensile strength. The linear shrink is reduced to a minimum.

Typical properties such as high strength, excellent adhesion, very short setting time and high-impact resistance recommend this product line for repair jobs where high end results are required in a minimum of time.

Areas coated or grouted with Rokryl®324 could be fully stressed after 40 - 60 minutes. If trowelled properly the surface looks like smoothed concrete or mortar made of cement. If required or for higher aesthetic standards the mortar could be coloured or coated with other coating systems.

Typical application of Rokryl®324

- Use surface and top layer for industrial used floors and traffic areas
- Reprofile and repair mortar
- Concrete patching
- Nosing material
- Compo for manhole coverings, concrete block
- Grouting mortar for poles, anchor steel and reinforcement connections

Easy processing

Underground must be clean and stable and free of any separating substances. The firmness of the underground is existential for the absorption of the mechanical strain without any damages. (Concrete quality grade DIN 1045 minimum B-25) adhesive tensile strength minimum 1.5 N/mm². The underground must be dry, dust free, clean, non slip and free of separating substances. (Such as oil, grease, fuel, paint left over, Bitumen or sealing material, cement coatings etc.)

Rokryl®324 consists of 2 components a dry mixture named B and a liquid component named A, the A component is low viscosity and used as mixing liquid.

The low viscosity of the B component makes the Rokryl® mortar easy mixable with a mixing device - smaller quantities could be mixed manual, bigger quantities must be mixed with a compulsory mixer. The mixing ratio is variable between 1 : 10 till 1 : 15 weight parts (A:B), this enables a production of a mortar with different consistencies. For the creation of a homogeneous mixture the mixing time of 3 minutes shouldn't be underrun.



The ready mixed mortar will be applied with trowel on smaller areas or distributed with coating knife and smoothed or skimmed with a aluminium slat on devices. Additional compacting is not necessary. Devices made of polypropylene are suitable because the hardened mortar won't stick at this material.

Rokryl®324 Types are suitable for low temperature applications processing till -10°C is possible with a special accelerator. The working time by 20°C is app. 15 minutes, the hardening time 40 - 60 minutes depends on the thickness of the layer. The temperature influences the reaction and hardening time as usual.

Important: The underground temperature must be minimum 3°C over the dew point - to avoid condensate formation. This is valid for the application of intermediate layers.

Rokryl®:
Perfect for high
speed repair of
industrial floors
roadways
landing fields



ROKRYL®320

To enhance the adhesion on difficult surfaces we recommend the holding primer Rokryl®320. The holding primer Rokryl®320 reacts as fast as Rokryl®324. This enables a quick repair.

Properties

Liquid Component (A)

Composition	PUR-Methacrylate, Additive
Aspect	Clear liquid, light grey, dull
Odour	Intensive, typical Acrylicmonomere
Viscosity	2-10 mPa.s
Viscosity 324/thix	Gel like, no flow
Flash point	+10°C
Working time (tG)	Approx. 15 - 17 min. / 20 °C
Working temperature	-10°C till app. +35 °C

Solid Component (B)

Composition	Crystal quartz mixture with graded grading curve, polymer additive and activators
Aspect	Light grey, natural
Odour	Not applicable

Mortar Properties

Mixing Ratio A:B	1:10 till 1:15 max.
Hardening time	Approx. 30 - 40 min./20 °C
Colour	Light grey
Bulk density	Approx 2,10 - 2,15 kg/ltr
Compressive Strength	Approx. 70 N/mm ²
Bending tensile strength	Approx. 26,5 N/mm ²
E-Modul	Approx. 6900 N/mm ²

Packaging

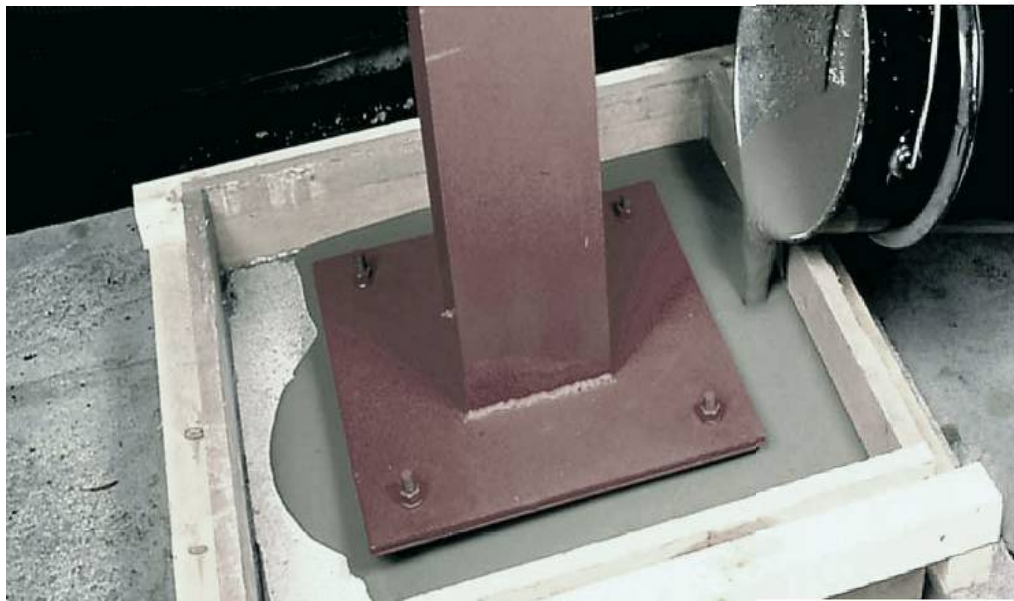
Rokryl®324/A	Cans with 2,5 kg and 10 kg
Rokryl®324/B	Hobbocks with 25 kg

Safety Storage

The solid component B is a largely harmless mixture of substances. The liquid A contains monomers and polymeric esters of acrylate acids and accelerators. The materials are easy flammable. Avoid fire and open light while handling and processing. All Rokryl® Products are labelled after GLP guidelines for working materials.

Store the material in a cool and dry place and keep away from children and from unauthorised personnel.

Safety datasheets are available for all ARCAN products. They contain all information about safe handling and disposal, all people working with the product should have access to this information.



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.

ATI-Rokryl@324
© ARCAN GmbH
All rights reserved

ARCAN Waterproof ARCAN GmbH Spezialbaustoffe

Kleinniedesheimer Strasse 19
D-67240 Bobenheim-Roxheim
Phone: +49 (0)6239 - 99 78 20
Mail: office@arcan.biz
Web: www.arcan.biz

passion to invent 