

Kronalit® Special primer resin 864

Solvent-free floor primer resin
for mineral substrates



Material description



Material type:	2K epoxy primer, solvent-free
Intended use:	Kronalit® Special Primer Resin 864 is the ideal primer for all mineral substrates. This creates a stable and safe substrate for subsequent top coats.
Properties:	<ul style="list-style-type: none"> • Fast curing • Solvent-free, no odor • Easy to process • Crack-bridging • Solidifying
Color shades:	colorless
Density:	Approx. 1 g/ml
Dilution:	Set ready for use. Do not dilute the material
Packaging:	2.5 kg
Storage:	Store in a cool, dry place in a tightly closed original container.

Technical application notes

Substrates:	Concrete, screeds. Do not use for recreation rooms.
Substrate preparation:	Mineral substrates must have set well before starting the painting work, new concrete must be at least 4 - 6 weeks old. The substrate must be dry, clean, free of grease and dust; loose and sanding layers must be removed. Any layers of cement paste and sinter on the surface must be removed by sandblasting, milling or grinding. Oily concrete surfaces that have already been used are best cleaned by brushing with Jaeger 080 Special Cleaner or alkaline cleaning agents. Rinse with plenty of water or with a steam jet. Allow surfaces to dry thoroughly afterwards. Moisture on the reverse side impairs adhesion. Old coats: Check for load-bearing capacity and sand down. (preliminary tests)
Processing:	Add the hardener completely to the base coat and mix very carefully. If the material is to be processed out of the container, first repot it in a new, clean container. The hardening reaction begins at this point. Process the material quickly.
Pot life:	approx. 20 min. at 20°C (shorter pot life at higher temperatures) ATTENTION: The material heats up due to the reaction of the two components. Always process within the pot life. The material can become very hot when curing in the container. The pot life can be extended by pouring mixed material onto the floor.
Coating structure:	1 x Kronalit® Special primer resin 864, application quantity depending on the evenness of the substrate. Absorbent floors should be saturated, higher application quantities can even out unevenness. Slip resistance can be achieved by sprinkling quartz sand in thin layers. From an application quantity of 5 mm, quartz sand should be sprinkled in for consolidation.

- Paintability:** With all floor coating systems except mineral coatings.
 Paint over within 48 hours, otherwise the primer must be sanded.
- Processing conditions:** During the entire processing and drying time, the material, substrate and air temperature must not fall below 10°C and must not exceed 30°C. The air humidity should be between 30% RH and 75% RH during the entire time.
- Tool cleaning:** With Special Thinner 44 or Nitro Thinner immediately after use.

Labeling

- Waste code:** 080111 **Giscode:** RE1
- Disposal:** Only dispose of completely empty containers for recycling. Hardened residues can be disposed of with residual waste. Liquid paint residues must be disposed of via the hazardous waste collection points or authorized disposal companies.
- Other:** The accident prevention regulations of BG Chemie "Processing of coating materials (VBG 23) and the "Technical Rules for Hazardous Substances (TRGS) 507" must be observed.
 Remove food from the relevant rooms during processing and the drying time.
 Further information can be found in the EC safety data sheet.

Processing instructions

Drying	Reworkable
At 10°C	approx. 30 hrs.
From 15°C	approx. 12 hrs.

Yield (m²/kg)	~ 5
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The coverage depends heavily on the absorbency and evenness of the floor and can therefore vary greatly. When used to level out unevenness, the consumption can be several times the specified values.

All drying times are based on a relative humidity of 50%. Thinning the material changes the drying times.

Status 11/16

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