

Kronisol® Floor coating 851

High-quality two-component reaction coating for strong stressed surfaces



Material description



Material type:	Two-component reaction coating		
Intended use:	High-quality coating for hard-wearing and stressed floors and wall surfaces made of concrete, cement screed, mastic and hot asphalt (indoors only), fiber cement, garage sealant. Only conditionally suitable for exterior use. (*1)		
Properties:	<ul style="list-style-type: none"> • Highly abrasion resistant • Resistant to water, petrol and diesel fuel, road salt, diluted alkalis, weak acids and household cleaners • water-dilutable • Tire-resistant - no plasticizer migration after curing 		
Color shades:	Order no:	Color:	pebble
	851 0094	grey	(approx. RAL 7032)
	851 7030	stone gray	(approx. RAL 7030)
Gloss level:	silky gloss		
Density:	Base coat: approx. 1.48 g/cm ³ ; hardener: approx. 1.1 g/cm ³		
Packaging:	5 kg net		
Dilution:	with water		
Storage:	Store in a cool, dry place in a tightly closed original container. Official regulations must be observed. Protect from frost.		

Technical application notes

Mixing ratio:	3 parts by weight basecoat : 2 parts by weight hardener
Pot life:	2.5 hours at 20°C
	Attention: The end of the pot life is not recognizable. Exceeding this time leads to matt surfaces as well as lower strength and loss of adhesion to the substrate. (*3)
Substrate preparation:	Concrete, plaster, fiber cement should be at least 4-6 weeks old before starting the painting work. The substrate must be dry, clean, grease-free and stable; loose and sanding layers must be removed. A scratch test is recommended in advance. Concrete and cement plaster must have sufficient absorbency to ensure adhesion. Any cement paste and sinter layers on the surface, especially in the floor area, must be removed by sandblasting or mechanical roughening. Superficially contaminated concrete surfaces are best cleaned by brushing with an active cleaner, e.g. Jaeger Special Cleaner 080 or another alkaline cleaning agent. Rinse with plenty of water or a steam jet. Allow surfaces to dry thoroughly afterwards. In the case of deep soiling, appropriate remediation measures should be taken. Exposure to moisture on the back (groundwater) impairs adhesion.
Filling:	On unfinished interior floors subject to normal wear and tear, we recommend cementitious levelling compounds from Ardex Chemie, Witten. If the floor area is subject to heavy loads from pallet trucks, forklifts, trucks, etc., do not apply a filler.
Coating preparation:	Mix Kronisol® Floor Coating 851 intensively with the hardener in the specified ratio before use. No drying without addition of hardener! Do not mix more material than can be processed within the specified pot life.

Coating structure:

Normal load
e.g. garages, cellars: 1 x Kronisol® Floor coating, approx. 10-20% diluted with water
 1 x Kronisol® Floor coating, undiluted

Heavy duty: 1 x Kronalit® Special primer resin 864
 3 x Kronisol® Floor coating, undiluted

Mastic asphalt
(indoors only): 2 x Kronisol® Floor coating, undiluted

Old coatings (*4): Check for suitability as a paint substrate, clean thoroughly and roughen if necessary.

Old PVC liquid plastic coatings (carry out preliminary test):

1 x Kronen® Insulating primer 321 thin layer
 1-2 x Kronisol® Floor coating, undiluted

Processing conditions: The material, substrate and air temperature must not fall below 12°C or exceed 30°C during the entire application and drying time. The air humidity should be between 30% RH and 75% RH during the entire time.

Tool cleaning: With water immediately after completion of the work.

Labeling

Declaration of ingredients: Epoxy resin, polyamines, pigments, min. fillers, water, organic film formers, additives

Waste code 080111 **Giscode:** RE2.5

Disposal: Only dispose of completely empty containers for recycling. Hardened residues can be disposed of with the residual waste. Liquid paint residues must be disposed of via the hazardous waste collection points or approved disposal companies.

Other: The accident prevention regulations of BG Chemie "Processing of coating materials (VBG 23), the leaflet "Solvents" (M 017) 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

Application method	paint / roll		
Dilution	undiluted		

Drying	Dust-dry	paintable	Fully resilient
(20°C / 55% r.h.)	approx. 40 - 60 min.	From 20 - 24 hrs.	From 7 days Garages and similar: from 10 days (*2)

Yield	paint / roll		
m ² / kg	4 - 6		

Special notes

Ensure good ventilation during work and drying. Allow moist and volatile components to evaporate well as otherwise the film formation may be disturbed (matt surface).

- (*1) Minor color changes and chalking are possible under UV and weathering influences. possible. This does not affect the functionality of the coating.
- (*2) Floor surfaces subject to prolonged exposure to heavy vehicles with rubber tires, e.g. Garages, showrooms, etc., should not be loaded before 10 days.
- (*3) If painting work is interrupted, the brush and roller must be washed out clean. Storage in Water is not sufficient. Do not mix mixed residual paint with a new batch.
- (*4) When coating with Kronen® Isoliergrund 321 as an adhesive primer, the primer must be applied with extended drying times must be expected. Furthermore, in the case of permanent exposure to liquids reduced resistance is to be expected.

All drying times apply to 20°C. These times are extended at temperatures below 20°C.

To avoid excessive drying times, coatings should always be applied during the warm and dry season, especially in garages. Do not use for recreation rooms.

Status 07/21

PAUL JAEGER GMBH & CO. KG • Siemensstrasse 6 • 71696 Möglingen • Phone +49 7141-24 44-0 • Fax +49 7141-24 44 55 • info@jaegerlacke.de • www.jaegerlacke.de

Our written and verbal application recommendations, which we provide to support the processor on the basis of our practical experience and to the best of our knowledge in accordance with the current state of science and technology, are non-binding and do not constitute a contractual legal relationship or an ancillary obligation arising from the purchase contract. They do not release the purchaser from the obligation to check the suitability of the products for the intended purpose on his own responsibility. In the event of the publication of a new edition due to technical progress, the above information shall lose its validity. In all other respects, our General Terms and Conditions apply.