

KOROSEAL

Curing Agent with special gloss effect

SURFACE PROTECTION AGAINST PREMATURE DRYING OUT FOR KORODUR INDUSTRIAL FLOORS AND CEMENTITIOUS SCREEDS

APPLICATION

Acc. to DIN 18353 „Screed works“ and DIN 18560 „Screeds in building construction“, cementitious screeds have to be protected from irregular drying out. It is not only the correct composition of the hard aggregate mortar and skilled workmanship, but also the correct curing which dictates the quality of a KORODUR industrial floor. KOROSEAL has proved its qualities for years already.

This is specially relevant under conditions of high temperatures, low atmospheric humidity and in areas where there is a strong air draught. These circumstances influence the evaporation rate of freshly installed screeds and require professional curing, e. g. with KOROSEAL. The spraying of a liquid curing agent is the most economical method for freshly installed screeds.

PROPERTIES

KOROSEAL renders, after drying, a glossy protection coat on the surface. This means:

- preventive against contraction cracking tendency
- closing of pores on the surface
- improvement of the strength properties in the layer close to the surface
- reduction of too rapid drying out

Special additives provide after transparent drying out of KOROSEAL a deep surface gloss, which in former times could be achieved only by using solvents. KOROSEAL contains no harmful components (chlorides). It is no paraffin, wax or oil emulsion.

TECHNICAL DATA

colour and condition: white liquid

main component: butadien-styrol-copolymere

density (20° C): 1,02 g/m³

soluble: in water

processing temperature: > 5° C

surface temperature: > 5° C

barrier effect:

60% in middle after 7 days

PROCESSING

Before using, stir KOROSEAL thoroughly. Latest after the final smoothing of the floor, KOROSEAL must be sprayed undiluted, as fine fog, uniformly covering the matt-damp surface.

The earlier the application takes place the more effective is the protection.

Before applying KOROSEAL, the surface must be free from water puddles.

Similar to paint spraying process care should be taken not to spray too much KOROSEAL in one place thus to avoid unsightly appearance.

Standard spraying equipment with suitable nozzles is fit for applying KOROSEAL. All equipment should be cleaned carefully with water after use. As an alternative a lambskin roller may be used, which, however, increases the consumption for the material.

The fresh curing coat has a white appearance. After drying KOROSEAL provides a transparent, glossy coat.

For additionally planned paints or coats on organic basis, e. g. acrylic resin, prior tests are indispensable. Reaction resin products, e. g. EP or PU systems are not recommended.

CONSUMPTION

Approx. 100 – 150 g/m², depending on the roughness of surface.

WORKING SAFETY / ENVIRONMENTAL PROTECTION

No hazardous substance acc. to the hazardous substances regulations, no hazardous good acc. to the transportation regulations for hazardous goods. WKG 2 (self-classification): water endangering.

Contact with skin and eyes to be avoided.

Safety data sheet available on request.

Hints on the packaging units to be observed.

QUALITY CONTROL

The production of KOROSEAL is subject to strict factory production controls.

Certification: DIN EN ISO 9001:2000

STORAGE

Well closed, frost-free, protected from sun radiation and contamination.

Shelf-life at least 1 year if correctly stored.

DELIVERY

30 kgs cans

190 kgs cans

1000 kgs container (in exchange)

HINTS

Our recommendations for application techniques are based on our experiences. It is recommended to adapt processing and material quantities to the given local conditions and we refer in this context to our general terms of sale and delivery. Further literature, processing hints, tender texts and test certificates on the different KORODUR industrial flooring systems, KORODUR floor hardeners, KORODUR dry mortars and special products are available on request.

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