

Product description:

1-component coating on the basis of a PVC/alkyd resin (AK) combination, solvent-based. Good weather resistance in industrial, coastal and maritime climates. PVC-based coats are prone to chalking which may result in colour shade changes depending on weather exposure. High elasticity. Also available as a micaceous iron ore pigmented version. The top coat is also available as single-film coating.

Applications:

Specifically designed for direct coating of steel parts such as catenary and traction line supports as well as substations from the Deutsche Bahn AG, utilities, chemical industry, etc. Combined with appropriate corrosion protection coats also suited for all kinds of steel constructions.

Hardener:

Not applicable

Article numbers, colour:

E.g. PD84-7035, RAL 7035 light gray.
Other colour shades on request.

Technical specifications (relating to the mixture):

Flash point:	above +23 °C
Viscosity:	intrinsically viscous
Density:	approx. 1.32 g/ml
Mixture ratio:	---
Pot life:	---
Dry film thickness (DFT):	80 µm
Solid density:	approx. 41 %
Gloss class:	sheeny
Tinctural power (theoretical):	approx. 3.9 m ² /kg at 80 µm DFT
VOC value:	approx. 516 g/l
Organic solvent content:	approx. 39 % by weight
Temperature stability:	max. +80 °C, dry heat Colour deviations must be expected from +80 °C.

The Technical Data indicated are subject to variations depending on colour shade and production process.

Drying times:

Dust-dry:	after approx. 1 hour
Fast to handling:	after approx. 4 hours
Ready for rework:	after approx. 8 hours

The values indicated apply to the dry film thickness at (standard atmosphere) +20 °C and 55 % relative humidity.

Working temperature/humidity of air:

+5 °C to +35 °C

The substrate temperature must be at least 3 °C above the dew point of the ambient air.

The relative humidity of air should not exceed 85 %.

Thinner:

VESTOCOR thinner VN62-, also for tool cleaning.

Priming coats:

Depending on requirements, VESTOCOR products from the VESTOTEX or VESTOZINK ranges are suitable.

Substrate preparation:

Steel: before application of the overall system abrasive blasting to preparation grade Sa 2.5 acc. to DIN EN ISO 12944-4.

Average roughness depth Rz per DIN 8504-2.

Applying:

Brush/roller: processing in delivery state. When processing with brushes and rollers be sure to apply the coat evenly. Use short-haired lamb-skin rollers for roller application. For visual effect it is recommended to dress in a single direction finishing coats which include Micaceous iron ore.

Airless spray painting: generally in delivery state, if required add 5 weight per cent VESTOCOR thinner as a maximum.

Minimum pressure: approx. 120 bar

Nozzle: approx. 0.23-0.48 mm

Repair of transport and installation damages:

Steel: Abrasive blasting to preparation grade PSa 2.5 as per DIN EN ISO 12944-4. Depends on the object and stress. Also a manual or mechanical pretreatment to PSt 3 as per DIN EN ISO 12944-4, is possible. Repair with specified priming and finishing coats.

Storage and identification according to hazardous substance/workplace safety regulations:

For the identification according to valid hazardous substance regulations see the associated Material Safety Data Sheets and labels.

Storage life:

Main component: approx. 12 months in case of proper storage of non-opened drums at +5 °C to +25 °C.

Safety and protection precautions:

When processing note the safety and health at work rules from the trade association, BGR 500, chapter 2.29, as well as the relevant EC Material and Safety Data Sheets. In liquid state, the products are classified to be hazardous to waters, and therefore they must not come into waters.

Information and recommendations in this document are based on today's state of our knowledge and are intended to inform purchasers. They do not exempt purchasers to check the products for their suitability and application. We guarantee a perfect quality within the scope of our general terms and conditions of business. All previous Technical Data Sheets cease to be valid.