

Product description:

1-component priming coat on the basis of a PVC copolymer, solvent-based. Active pigment: zinc phosphate. Product according to the BASF text card 3343450.

Applications:

Priming coat for steel constructions of any kind that are exposed to moderate loads, e.g. in mining, iron and steel industry, petrochemical and similar facilities. Quick-drying, economic for thick-film application, quickly recoatable.

Hardener:

Not applicable

Article numbers, colour:

E.g. PG45-0039, red brown. Other colour shades on request.

Technical specifications (relating to the mixture):

Flash point:	above +23 °C
Viscosity:	intrinsically viscous
Density:	approx. 1.48 g/ml
Mixture ratio:	---
Pot life:	---
Dry film thickness (DFT):	80 µm
Solid density:	approx. 41 %
Tinctural power (theoretical):	approx. 3.4 m ² /kg at 80 µm DFT
VOC value:	approx. 517 g/l
Organic solvent content:	approx. 35 % by weight
Temperature stability:	max. +80 °C dry heat

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

Drying times:

Dust-dry:	after approx. 35 minutes
Dry to the touch:	after approx. 1 hour
Ready for rework:	after approx. 8 hours (spray coating) after approx. 16 hours (painting)

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.

Subsequent coats:

Depending on requirements VESTOCOR products based on: VESTOTEX.

Substrate preparation:

Steel: abrasive blasting to preparation grade Sa 2.5 of the norm DIN EN ISO 12944-4 is recommended. A thorough manual rust removal can be accepted in technically justified exceptional cases. Equivalent adhesion and corrosion protection as with a blasted substrate surface cannot be reached. Any remaining mill scale can result in spalling. Residues hampering adhesion (e.g. oil, grease and dust films, etc.) must be removed (see DIN EN ISO 12944-4).

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.

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. 0.33-0.48 mm

Repair of transport and installation damages:

Recommended surface

preparation: abrasive blast flaws to preparation grade Sa 2.5 of the norm DIN EN ISO 12944-4. Repair with PG45- VESTOTEX 1K-CL-Grund. If - for technical or environmental reasons - only a manual rust removing to PSt3 as per DIN EN ISO 12944-4 is possible, FG20-VESTOPUR 1K-PUR-Grund can be used for repair.

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.