

## Product description:

1-component priming coat on the basis of a PVC copolymer, solvent-based. Fast-drying. Very good adhesive strength on zinc.

## Applications:

Priming coat for galvanized substrates (duplex) and for steel constructions of any kind that are exposed to moderate loads, e.g. in mining, iron and steel industry, petrochemical, power supply and similar facilities.

## Hardener:

Not applicable

## Article numbers, colour:

E.g. PG51-0039, red brown  
Other colour shades on request.

## Technical specifications (relating to the mixture):

Flash point:	above +23 °C
Viscosity:	intrinsically viscous
Density:	approx. 1.34 g/ml
Mixture ratio:	---
Pot life:	---
Dry film thickness (DFT):	60-80 µm
Solid density:	approx. 41 %
Tinctural power (theoretical):	approx. 3.9 m <sup>2</sup> /kg at 80 µm DFT
VOC value:	approx. 520 g/l
Organic solvent content:	approx. 37 % 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. 3 hours
Ready for rework:	after approx. 8-10 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.

## Subsequent coats:

Depending on requirements VESTOCOR products based on: VESTOTEX.  
For blasted carbon steel also VESTOCOR products based on: VESTOZINK.

## Substrate preparation:

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

**Zinc coated steel:** remove any contaminants affecting the adhesive strength such as oils, greases, dirt particles and corrosion products from zinc by appropriate cleaning action.

For methods of surface preparation see the 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:

Abrasive blast flaws to preparation grade Sa 2.5 as per DIN EN ISO 12944-4. Depending on object and loads, 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.

**Zinc coated steel:** The substrate must be cleaned from any soiling that affects the adhesive strength (see "Substrate preparation"). Repair defective spots using VESTOTEX 1K-MV-Grund PG51.

## 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.