

### Product description:

1-component priming coat on the basis of special synthetic resins, solvent-based. Quick drying, easy to use, good covering capacity, low heavy metal content, free from chlorine. Useful life in standard atmosphere with 70 µm DFT: approx. 6 months. No toxicologically relevant substances such as polycyclic aromatic hydrocarbons (PCA) or chlorobenzenes could be detected in pyrolysis tests in the laboratory.

### Applications:

Temporary coat for steel (transport coating). VESTOCOR transport coating is used for heat loaded parts such as heating surfaces, superheaters, flue gas ducts, piping, etc. Normally, it is assumed that coated parts will be heat insulated.

### Hardener:

Not applicable.

### Article numbers, colour:

TG01-0039A1VN, red brown

### Technical specifications (relating to the mixture):

Flash point:	above +23 °C
Viscosity:	intrinsically viscous
Density:	approx. 1.31 g/ml
Mixture ratio:	not applicable
Pot life:	not applicable
Dry film thickness (DFT):	70 µm
Solid density:	approx. 47.5%
Tinctorial power (theoretical):	approx. 4.8 m <sup>2</sup> /kg at 70 µm DFT
VOC value:	approx. 448 g/l
Organic solvent content:	approx. 32 % by weight
Temperature stability:	max. +180 °C, dry heat

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

### Drying times:

Dust-dry:	after approx. 20 minutes
Fast to handling:	after approx. 60 minutes

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 VK52-, also for tool cleaning.

### Subsequent coats:

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### Substrate preparation:

Slight abrasive blasting is recommended for slightly rusted parts only. Residues hampering adhesion (e.g. oil, grease and dust films, etc.) must be removed.

### Applying:

Brush/roller: for small areas only or for repair.

**Airless spray painting:** application with the ultra-high pressure spraying method should be done under normal temperatures without thinning. At colder temperatures, the material may be thinned by adding up to 5 % VESTOCOR thinner VK52- as a maximum.  
Minimum pressure: approx. 120 bar  
Nozzle: approx. 0.33-0.48 mm

### Repair of transport and installation damages:

If required, flaws should be pretreated by blasting to preparation grade ST 2 as per DIN EN ISO 12944-4. Adhesion-reducing residues such as oil, grease, dust, etc. are to be removed.  
Repair with VESTOCOR Transportbeschichtung TG01-.

### 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.