

## Product description:

1-component priming coat based on a butadiene maleinate dispersion. Can also be used as dip priming coat with a special preparation. For film thickness up to 50 µm. Extremely low content of organic solvents.

## Applications:

Priming coat for sheet metal and steel constructions of any kind with good resistance to oil. Particularly suitable for gas cylinders, pressure vessels and compressors. Can also be used for the dipping method.

## Hardener:

Not applicable

## Article numbers, colour:

E.g. AG26-7032, approx. RAL 7032 pebble grey  
Other colour shades on request.

## Technical specifications (relating to the mixture):

Flash point:	n/a
Viscosity:	intrinsically viscous
Density:	approx. 1.52 g/ml
Mixture ratio:	---
Pot life:	---
Dry film thickness (DFT):	40-50 µm
Solid density:	approx. 42%
Tinctural power (theoretical):	approx. 6.8 m <sup>2</sup> /kg at 40 µm DFT
VOC value:	approx. 147 g/l
Organic solvent content:	approx. 9 % by weight
Temperature stability:	max. +120 °C, dry heat

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

## Drying times:

Dust-dry:	after approx. 30 minutes
Fast to handling:	after approx. 1 hour
Ready for rework:	after approx. 2 hours

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

## Working temperature / humidity of air:

+15 °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:

Water, at least drinking water quality.

Also for tool cleaning. Prompt cleaning is recommended. Hardened coat residues are insoluble in water.

## Subsequent coats:

Depending on requirements VESTOCOR products based on: VESTOLUX wv, e.g. AD33-, AD34-

## Substrate preparation:

In any case, adhesion-reducing residues such as oil, grease, dust, mill scale, etc. are to be removed.

**Steel:** Abrasive blasting to Sa 2.5 acc. to DIN EN ISO 12944-4 depending on exposure level.

## Applying:

**Brush/roller:** Processing in delivery state. Use short-haired lamb-skin rollers for roller application.

**High-pressure spray coating:** Processing with a spray viscosity of 25-35 sec./4 mm

**Air pressure:** 3.5-4.5 bar

**Nozzle:** 1.0-1.8 mm

**Airless spray painting:** Generally in delivery state. If required add 3 weight per cent water (drinking water quality) as a maximum.

**Minimum pressure:** approx. 90 bar

**Nozzle:** approx. 0.23 – 0.33 mm

**Dipping:** Processing with the dipping method at approx. 30-50 sec./4 mm depending on the part shape.

## 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. 6 months in case of proper storage of non-opened drums at +5 °C to +25 °C. The products must be protected against frost.

## 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.