

FREIOPLAST

Hydro-Coating WL1509V

V = Modification of the standard system

- Water dilutable one-coat-system
- Good humid room resistance
- Good adhesion on steel and galvanized substrates

Technical / Physical Data	Resin/ binder	styrol-acrylate-dispersion	
	Colour	iron grey RAL 7011 acc. to RAL 840 HR anthracite grey W1617 other colour shades on request	
	Gloss value visual	tuff mat	
	Original viscosity Haake-Viskotester VT02	18 to 22 dPas.s / Spindel 1	
	Thinner	demineralised water	
	pH-value	8,6	+ / - 0,1
	Density calculated	1,2 g / ml	+ / - 0,05
	Solid content calculated	45 %	+ / - 1
	Solid content in volume calculated	270 ml / kg	+ / - 10
	Consumption calculated in original viscosity, without application loss	100 to 110 g / m ² dry film thickness 30 µm see „Special remarks“	

Storability Approx. 9 month in original packings at an ambient temperature of 15 to 25 °C, in case the original packings are tightly closed. Protect from frost. Opened packing must be used very shortly. The minimum storage stability of each batch is mentioned on the product label. A storage time beyond the mentioned date doesn't necessarily mean that the material is unusable. In this case a check of the qualities which are important for the respective.

Processing and application**Application**

Stir up before the use carefully (e.g. with high-speed mixer).

spraying-airless: in original viscosity
spraying-high-pressure: in original viscosity

Substrates

steel, with galvanized substrates are necessarily preliminary tests

Pretreatment

The substrate must be free of materials which prevent adhesion, e.g. oil, grease, dust and surfactant. According to the requirements we recommend to apply the suited chemical (e.g. phosphatizing, chromating) or / and mechanical (e.g. shot blasting) pretreatment.

Proposal for a coating system

substrates: steel
top coat: FREIOPLAST-Hydro-Coating WL1509V

Application temperature

above 10 °C

Drying

40 to 70 % rel. Dampness with air movement

dust dry: after 30 min (degree of drying 1/ DIN 53150)
dry to touch: after 60 h (degree of drying 4/ DIN 53150)
complete dry: after 10 days (swinging beam hardness/ ISO 1522)

oven drying: up to 70°C possible (object temperature)

Repair coating

With itself: after 24 Std. Drying process at ambient temperature, necessarily sanding.

Cleaning of working equipment

immediately after use: water, lightly dried material on the surface of working tools:
organic cleaners, e.g. EFD-Thinner 400424

Advice for safety protection and protection of health The usual precautionary measures for ventilation as well as for personal protection are to be observed when handling painting materials. Detailed information about dangerous goods, safety data and recommendations concerning health protection and environment protection can be read in the corresponding safety data sheet.

Special remarks**Test condition**

The statements concerning efficiency, drying and caution labelling depend on colour shade.

All information is based on a standard climate 20/65 DIN 50014.

For the calculation of the practical consumption loss additions have to be considered. Indications to this are the practical experience and advices given in DIN 53220.

All information are based on our product knowledge and experience. To the application we have no direct influence. For further information please don't hesitate to contact us.

The information mentioned herein are reference values and are not given as specification.