

FREIOPLAST

Hydro-Coating WL1507

- Water dilutable coating, indoor usage
- Fast initial and through drying
- Good adhesion on different substrates
- High film hardness
- Good blocking stability and scratch resistance
- To repairing small damages of coating after transport and assembly

Technical / Physical Data	Resin/ binder	combination of polyurethan- and acrylate-copolymer-dispersion, water dilutable	
	Colour	acc. to RAL 840 HR other colour shades on request	
	Gloss value DIN 67530 and DIN EN ISO 2813	satin mat	20 to 35 geometry 60°
	Original viscosity Haake Viscotester VT 02	40 bis 50 dPas / Spindel 1	
	Thinner	demineralised water	
	pH-value	8,5	+ / - 0,1
	Density calculated	1,09 g / ml	+ / - 0,05
	Solid content calculated	35 %	+ / - 5
	Solid content in volume calculated	280 ml / kg	+ / - 30
	Consumption calculated in original viscosity, without application loss	130 to 160 g / m ² dry film thickness 40 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-high-pressure: in original viscosity
by brush: in original viscosity

Pretreatment

The substrate must be free of materials which prevent adhesion, e.g. oil, grease, dust and surfactant.

Proposal for a coating system

substrates: steel, cast iron
primer: FREIOPLAST-Hydro-Primer WL1629
top coat: FREIOPLAST-Hydro-Coating WL1509

Application temperature

above 10 °C

Drying 40 to 70 % rel. Dampness with air movement

dust dry: after 40 min (degree of drying 1/ DIN 53150)
dry to touch: after 2 h (degree of drying 4/ DIN 53150)
complete dry: after 5 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. The values mentioned in this data sheet are based on WL1507HP1723, silver blue, satin mat. 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.