

FREIOPLAST

Hydro-Coating
WL1602MRU910

- Water dilutable dispersion-paint
- Fast air-drying
- Oven drying possible

Technical / Physical Data	Resin/ binder	Combination of acrylate and PUR dispersions	
	Colour	white	
	Gloss value visual	mat	
	Original viscosity DIN 53211*	27 to 33 sec. / 4mm cup	
	Thinner	demineralised water	
	pH-Value	8,8	+ / - 0,1
	Density calculated	1,4 g / ml	+ / - 0,05
	Solid content calculated	51 %	+ / - 2
	Solid content in volume calculated	230 ml / kg	+ / - 10
	Consumption calculated in original viscosity, without application loss	80 to 90 g / m ² dry film thickness 20 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. 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

Substrates

PU expanded polystyrene - decoration borders

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. shotblasting) pretreatment.

Proposal for a coating system

substrates: PU expanded polystyrene

top coat: FREIOPLAST-Hydro-Coat WL1602MRU910

Application temperature

above 10 °C

Drying

air drying at 20°C, 40 to 70 % rel. dampness

dust dry:	after 20 min	(degree of drying 1/ DIN 53150)
dry to touch:	after 60 min	(degree of drying 4/ DIN 53150)
complete dry:	after 1 day	(swinging beam hardness/ ISO 1522)

oven drying: up to 90°C possible (object temperature)

Repair coating

With itself.

Cleaning of working equipment

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

Advise 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.

Repair coating

Test condition

*Indication of the delivery viscosity according to DIN 53211:

DIN 53211 was withdrawn in October 1996.

On request the value is available according to DIN EN ISO 2431.

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 advice's 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.