

FREOLUX

Primer, water-thinnable WL1764LRU309

L = Modification of the standard system (special adjustment: original viscosity)

- Water dilutable Primer
- Air-drying
- Middle corrosion protection
- Good adhesion on non-ferrous metals

Technical / Physical data	Resin/ binder	oxidative drying polymerization resin	
	Colour	oxide red, approx.. Ral 3009, acc. RAL 840 HR other colour shades on request acc. RAL 840 HR	
	Gloss value	mat	
	Original viscosity DIN 53211	25 to 30 sec. / 4mm cup	
	Thinner	demineralised water	
	pH-value	8,7	+ / - 0,1
	Density calculated	1,2 g / ml	+ / - 0,01
	Solid content calculated	44 %	+ / - 2
	Solid content in volume calculated	238 ml / kg	+ / - 5
	Consumption calculated in original viscosity, without application loss	200 to 220 g / m ² dry film thickness 50 µm see „Special remarks“	

Storability	Approx. 6 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
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Processing and application

Application

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

Substrates

steel, non-ferrous metals

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:	steel	
primer:	FREOLUX-Primer, water-thinnable	WL1764LRU309
top coat:	FREOLUX-Top-Coat	WL1788

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 12 h	(degree of drying 4	/ DIN 53150)
complete dry:	after 14 days	(swinging beam hardness	/ ISO 1522)

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

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.

Special remarks

VOC-value

The VOC-value (Volatile Organic Compounds) please infer at our EFD-Info

Test condition

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.