

# **Technical data sheet**

PROTECTION MADE EASY

# **Libert Wash Primer**

# **Description and destination of the product**

The **Libert Wash Primer** ensures a perfect adhesion of the primer on a lot of substrates such as metal (not sandblasted), iron, galvanized steel or inox, cast iron and in particular aluminium and its alloy.

Thanks to its microcrystalline nature it has a passivating reaction on the metal and increases the anticorrosive resistance of the chosen paint system.

### Colour

Greeny yellow.

### **Gloss**

Mat.

### **Technical data**

Density: Paint : 0.898 ± 0.05 kg/cm³
(20°C-ISO 2811) Hardener : 0.841 ± 0.02 kg/cm³

O Solids content: 15.5 % ± 1 % in weight ASTM D 2697-68 24.7 % ± 1 % in volume

Mixing ratio: 100 g paint – 50 g hardener (1/2) in weight

100 cc paint – 50 cc hardener (1/2) in volume

Mixing errors result in deviating properties and differences in gloss. Therefore we advise to mix the complete contents of base paint and

hardener.

○ **Viscosity:** at 20°C DIN CUP 4 (DIN 53 211): 20 s ± 2 sec

Potlife: 8 hours at 20°C

O Drying times: dustdry : 10 minutes tackfree : 15 minutes

dry : 30 minutes

<u>Recoating:</u> After minimum 40 minutes.

As the film of the **Libert Wash Primer** is very thin, it is advised to apply the primer or intermediate coat within 15 days after application

of Libert Wash Primer.

**VOC:** 700 g/L (A+ B ready for use)

○ Theoretical yield: 16 m²/L for 15 micron dry film

thickness

The practical yield can largely be influenced by the roughness and porosity of the substrate, the applied layer thickness or the losses by airless application.

# **Surface preparation**

Always degrease the surface thoroughly and abrade with Scot-Brite before overpainting with **Libert Wash Primer.** 

#### Use

The product is ready for use.

The advised dry film thickness is 15  $\mu$ m. It is important to prevent thicknesses above 20  $\mu$ m dft as it can result in bad adherence.

	Pressure	Nozzle	Viscosity
Pneumatic gun	3 to 4 kg	1.5 mm	20s DIN 4

Libert Wash Primer can be recoated with polyurethane paints, NOT with epoxy paints.

Clean the material with **Solvatane** 

# **Application conditions**

Relative humidity: maximum 70 to 80 %

Avoid condensation on the surface during application and drying.

Ambient temperature: between +10°C and +50°C.

## **Storage stability**

Paint: 12 months in the original closed packing

## Hardener: 6 months in the original closed packing

Stored at temperatures between +10°C and +50°C and relative humidity of maximum 85%.

### **Safety measure**

For detailed information about safety measures, personal protection and transport data of this product, we refer to the safety data sheet.

The last update of our technical data sheets is always available at our website: www.libertpaints.be

### Disclaimer

The information given in this technical data sheet is only a general product description, based on our experiences and tests and therefore does not represent a specific practical case. Consequently Libert Paints doesn't guarantee the functionality or result and takes no responsibility in this respect.

We advise our clients to test the applicability of the product to the nature and the state of the surfaces and to carry out the necessary representative tests in case of doubt. Please contact our R&D department as the occasion arises.

Attention: our clients should verify whether the present technical data sheet hasn't been replaced by a more recent version.