



# Technical data sheet

PROTECTION MADE EASY

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## Monotop

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### Description and destination of the product

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**Monotop** is a quick drying industrial alkyd lacquer paint with anticorrosion properties. Because of the quick drying time, this product can only be sprayed.

**Monotop** is the perfect top coat for the protection of metals and other surfaces in combination with an appropriated primer.

### Colour

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RAL colours.

### Gloss

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Satin: 50 ( $\pm 10$ ) Gardner 60° (depending on the layer thickness)

High gloss: 90 ( $\pm 5$ ) Gardner 60° (depending on the layer thickness)

### Technical data

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- **Density:**
  - 1.21 ( $\pm 0,05$ ) g/cm<sup>3</sup> (satin)
  - 1.01 ( $\pm 0.05$ ) g/cm<sup>3</sup> (high gloss)
- **Solids content:**
  - 40 ( $\pm 2$ ) in volume
  - 55 ( $\pm 2$ ) in weight
- **Drying times:**
  - Dustfree : 20 minutes
  - To handle : 4 hours
  - Recoverable : Monotop 50 : 4 days
  - Monotop 90 : 7 days
- **VOC:**
  - 545 g/L (not diluted)
  - 600 g/L (ready for use)
- **Theoretical yield:**
  - $\pm 10$  m<sup>2</sup>/L for 40 micron layer thickness
  - $\pm 6,5$  m<sup>2</sup>/L for 60 micron layer 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

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The surface to be painted must be free of grease, oil, water, dust or other impurities that hamper a good adhesion. Old paint layers must be roughened up.

On new, untreated surfaces where a longer treatment is expected, an appropriate primer is recommended (**Monoprim** or **Durozinc HS Allprimer**).

On galvanization and aluminium always first apply **Durozinc HS Allprimer** before finishing with **Monotop**.

## Use

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	% Dilution	Thinner	Pressure (bar)	Air pressure	Nozzle
Pneumatic	3 – 10%	<b>Thinner 16</b>	3 tot 4	-	1.6 – 1.8
Airmix	0 – 8%	<b>Thinner 16</b>	60 - 90	2 – 2.5 bar	411 of 413

Dilute 10%: 20-40 sec Cup Ford 4

These Cup Ford 4 values are slightly influenced by the colour.

## Application conditions

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The relative humidity may be maximum 85% while the temperature of the surface must be minimum 10°C and 3°C higher than dew point.

## Storage stability

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Minimum 2 years in the original, closed packing, stored in a dry environment at temperatures between -10°C and +40°C.

## Safety measure

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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.com](http://www.libertpaints.com)*

### 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.*