



# Technical data sheet

PROTECTION MADE EASY

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## Monoprim

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### Description and destination of the product

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**Monoprim** is a quick drying one-pack anticorrosion primer for metal surfaces and steel constructions.

### Colour

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Gray.

### Gloss

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Matt.

### Technical data

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- **Density:** 1.35 ( $\pm$  0,05) g/cm<sup>3</sup>
- **Solids content:** 45 ( $\pm$  2) % in volume  
66 ( $\pm$  2) % in weight
- **Drying times:** Dustfree : 5 minutes  
Tackfree : 15-30 minutes  
Dry : 2 hours
- **VOC:** Cat. A/i: 500 gr/L (2010)  
< 485 gr/L (not diluted)  
< 500 gr/L (max. 3% diluted)
- **Theoretical yield:**  $\pm$  11 m<sup>2</sup>/L for 40 micron layer thickness  
 $\pm$  7.5 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 may hamper a good adhesion.

Surfaces that are polluted with grease or oil should be washed down with solvents, alkaline solution or emulsifier.

## Use

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	% Dilution	Thinner	Pressure (bar)	Air pressure	Nozzle
Pneumatic gun	0-7%	<b>Thinner 16</b>	3 to 4	-	1.6 – 1.8
Airmix	0-3%	<b>Thinner 16</b>	80 – 120	2 – 2.5 bar	413 or 515

Not diluted: ± 60 sec Cup Ford 4.

**Monoprim** can be recoated after 1 day with paints based on aklyds such as **Monotop** or **Durotop AC**.

When recoating with two-pack polyurethane paints such as DTS, this cannot be done after one day → **wrinkling**.

When recoating with two-pack polyurethane paints, this is done after about 1 hour or after waiting sufficiently long, depending on the layer thickness of **Monoprim**.

30 micron: recoatable after 2 days.

60 micron or higher: recoatable after 4 days.

## Application conditions

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The relative humidity must be maximum 85% while the surface temperature must be minimum 5°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.*