



Technical data sheet

PROTECTION MADE EASY

Hammer Finish

Description and destination of the product

Hammer Finish is composed of a transparent coloured binder and an aluminium pigment. Because of the effects of the silicone oil on the surface tension, crater-shaped figures arise during spraying which remind us to numerous hammerblows.

Hammer Finish enamels are therefore often used to cover up bumps in metal. It is applied on mechanical material, laboratory equipment, metal closets, etc.

Type of binder

Styrenated alkyd resins

Type of pigment

Aluminium and transparent colorants.

Colour

Grey and dispenser-colours made by colorant dispenser.

Technical data

- **Density:** 0.96 (\pm 0.02) g/cm³
- **Solids content:** 42 (\pm 2) % in volume
50 (\pm 2) % in weight
Mixing errors result in deviating properties and differences in gloss. Therefore we advise to mix the complete contents of base paint and hardener.
- **Viscosity:** 50 (\pm 10)" CF4 at 20°C
- **Drying times:** dustdry : 20-30 minutes
tackfree : 2.5 hours
manageable : 16 hours
- **VOC:** 498 g/L
- **Theoretical yield:** \pm 10 m²/L – 40 micron dry
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

The surface to be painted must be free of grease, oil, water, dust or other contaminations that may hamper a good adhesion.

Old paint layers must be roughened up with abrasive paper or by light sanding.

Hammer Finish can be applied directly on blank steel. When applied for outer applications (or other applications with higher corrosion load) a primer should first be applied.

Use

Hammer Finish is applied by pneumatic sprayer.

	Nozzle	Thinner	Air pressure	Pressure on the painting
Pneumatic gun	1.3-1.5 mm	Thinner 16	2-3 kg/cm ²	± 1 kg/dm ²

Remark : As **Hammer Finish** contains silicones, it cannot be applied together with other painting systems. After cleaning the waste thinner may not be used for cleaning the other sprayers.

Application conditions

Hammer Finish can be applied at a temperature above 8°C and a relative humidity lower than 85%. The temperature of the surface must be at least 3°C higher than dew point.

Storage stability

Minimum 2 years in the original, unopened packing, stored in a dry environment at a temperature between -20°C and +40°C.

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.