



Technical data sheet

PROTECTION MADE EASY

Fixtane Finish

Description and destination of the product

Fixtane Finish is a two-pack acrylic polyurethane lacquer with high quality properties:

- Good UV resistance
- Gloss retention
- Good chemical resistance
- Elastic with good abrasion resistance

Colour

RAL colours (except for metallic and fluorescent colours), NCS, British Standard, starting from base A and C.

Colours originally starting from base O, R and Y are on demand and will be converted to base C if possible.

Gloss

High gloss: **Fixtane Finish 90**

Satin: **Fixtane finish 70**

Technical data

- **Density:** 1.1 ($\pm 0,05$) g/cm³
- **Solids content:** 45 (± 2) % in volume
58 (± 2) % in weight
- **Mixing ratio:** In volume: 2/1 hardener for Fixtane Finish
Mixing errors result in deviating properties and differences in gloss.
Therefore we advise to mix the complete contents of base paint and hardener.
- **Potlife:** ± 2 hours at 20°C
- **Drying times:** Dustfree : 20 minutes
Tackfree : 2 hours
Dry : 5 hours
- **VOC:** < 480 g/L (not diluted)
< 550 g/L (ready to spray)

- **Theoretical yield:** ± 7 m²/L for 60 micron layer thickness
 ± 5 m²/L for 80 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

The surface to be painted must be free of grease, oil, water, dust or other impurities that can hamper a good adhesion. Old paint layers must be roughened up. On new untreated surfaces an appropriate primer must be applied.

As adhesion and anticorrosion primer on steel, aluminium, galvanization and stainless steel we advise **Fixtane Primer**.

Use

	% Dilution	Thinner	Pressure (bar)	Air pressure	Nozzle
Pneumatic gun	15-20	Solvatane	3 to 4 bar	-	1.4 – 1.6
Airless gun	10-15	Solvatane	70 to 90 bar	2 – 2.5 bar	411

Always dilute with **Solvatane**.

Dilute 18% - 20%: ± 22 sec-30 sec Cup Ford 4.

These Cup Ford 4 values are of course influenced by the colour.

Fixtane Finish can be applied with a roller after the addition of 0.8% **Additive for Fixtane / Mixtane Roller** (= 3 caps for 4L Fixtane Finish).

After mixing with the **Hardener for Fixtane Finish**: dilute with 5% **Thinner 1**. Processing time: 1h.

Application conditions

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

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

For the hardener: minimum 18 months in the original, closed packing, stored in a dry environment at temperatures between -10°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.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.