



Technical data sheet

PROTECTION MADE EASY

Satilux-U-Extreme

Description and destination of the product

Satilux-U-Extreme is a satin polyurethane lacquer for metallic and non-metallic surfaces. It is suitable for inside and outside applications. **Satilux-U-Extreme** is characterized by its good flow, good de-aerating properties, good edge covering and high durability.

Type of binder

Urethane modified resin.

Colour

Colour mixing system.

Gloss

Satin gloss: 35 (\pm 5)%
Optimal gloss is only obtained after 1 week

Technical data

- **Density:** 1,32 (\pm 0,05) Kg/L
- **Solids content:** 55 (\pm 3) % in volume
70 (\pm 3) % in weight
- **Drying times:** Dustdry : 1 hour
(20°C – 75% R.H.) Tackfree : 4 hours
Dry : 7 hours
- **VOC:** < 450 g/L
Category A/i
Norm 2010 <500g/L
- **Theoretical yield:** 12 m²/L for 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

- **Old alkyd paints and varnishes:** first test the adhesion and roughen up before repainting
- The surface must be sufficiently dry (maximum 5% moisture content)

The surface must be thoroughly degreased with **Eco Degreaser**. For specific surfaces, such as aluminium and galvanized steel, an extra primercoat **Durozinc HS Allprimer** is recommended and this after abrading away all present oxides and/or impurities .

For certain surfaces **Primer Resit Plus** is more suitable.

In order to know the most suitable preparation for your specific object, please consult your Libert Paints contact or dealer.

Use

- **apply:** with brush, roller or spray unit
- **dilute:** for renovation on old paints or absorbent surfaces, the paint can be diluted with 5 to 10 % white spirit. The next layers are not diluted.
- **clean:** with white spirit
 - In order to avoid problems of interlayer adherence (e.g. pollution), it is recommended to apply the following dispersion coat within 5 days.
- **dilution table:**

	% Dilution	Thinner
Brush	0-5 %	White Spirit
Roller	0-5%	White Spirit
Spray unit	5-10%	White Spirit

Sat lux-U-Extreme can always be finished with a second **Sat lux-U-Extreme**-layer so that a nice, smooth, covering, coloured finish is obtained. In order to obtain a smooth finish, it is recommended to abrade slightly between layers.

- **Indicative overcoatable times:**

Surface temperature	Min.	Max.
10°C	8 hours	7 days
20°C	4 hours	3 days
30°C	3 hours	2 days

Application conditions

The ambient temperature must be higher than 8°C and the relative humidity must be lower than 85%. These minimum conditions must be kept during drying and film formation during the next 48 hours.

Storage stability

Minimum 2 years, stored in a dry environment (frost-free) at a temperature between -5°C and +40°C, in the original, unopened packing.

Keep the paint cans well closed in order to avoid dehydration and skin formation.

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.