
Technical Data Sheet

LB030

31/01/2017

Version 2

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S.p.A. has a quality system certified by DNV according to standard UNI EN ISO 9001.

Name and Code

LB030 White PU High gloss topcoat .

Chemical Nature

Polyurethane paint

Description and performances

High gloss white polyurethane topcoat. Product is suitable for finishing of bathroom's furniture, kitchen cabinets, flat surfaces, items and accessories in general.

Additional description of the product

Chemical - Technical Properties

Description	Method	Unit of measure	Value - Range
Solid content	I.O. 371	%	72±1
Viscosity DIN 4 @20°C	I.O. 301	seconds	140±5
Specific gravity	I.O. 309	g/cm ³	1,350±0,010

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Field of application

LB030: 100 parts by weight.

CH220: 50 parts by weight.

CH303: 100 parts by weight.

DL043: 40-60 parts by weight.

Viscosity (ready to use):

- 17 seconds DIN4 (spray grade)

- 20 seconds DIN4 (Curtain coater)

Drying conditions: at 20 °C

Pot-Life: 4 hours

Dust free: 20-25 minutes

Tack free: 60-90 minutes

Stackable: 24 hours

Polishable: 48 hours minimum.

Application amount: 120-150 g/mq

Number of layers: 1-2 up to 60-90 minutes one from the other.

Application devices: spray and curtain coater.

General properties

This is a white high gloss polyurethane topcoat with great levelling properties and hiding point; it also has good scratch resistance and light fastness. It suitable for spray and curtain coater application (especially on sanded polyester basecoat).

Different hardeners lead to different characteristics in the dry coating film.

CH303: great drying properties together with a good body and hardness development.

CH220: excellent body and good distinctness of image, suitable for applications where polishing is not required.

Here you can find a list of thinners you can use according to your needings and application conditions:

DL031: medium thinner suitable for cold season. Eventually, if increasing the levelling properties is needed, it's possible to add DPU805 (from 5 to 10% by weight).

DL043: slow thinner suitable for summer time.

DL035: medium-fast thinner suitable for tunnel application, where fast drying is needed. Please add 5% by weight of DL002M1 if increasing levelling properties is needed.

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Storage instructions

Keep the product in a ventilated area; do not exceed 25-28 °C. Polyisocyanic hardeners should be protected from frost and humidity. If they have been partially used please close the can tight and use the residual amount in a short time.

EXPIRATION DATE 12 months

The data refers to the product stored in original sealed packaging.

The information supplied are correct to the best of our knowledge. However, as the coating process depends on many variables and the present application takes place without our supervision, we cannot assume any responsibility for the final result. Sirca guarantees that chemical and physical characteristics of the products are within the reported range. Due to the large variety of substrates and application devices, the purchaser/user should test our products in his own application conditions and safety and environment circumstances. Sirca's technical and sales departments are at customer's disposal for any further information regarding correct application of our products