

Technical Data Sheet

7LPP2530NC

22/06/2022

Version 1

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BRAND: Sirca.

S.p.A. has a quality system certified by DNV ISO 9001.

Name and Code

7LPP2530NC White PU NY High gloss topcoat .

Chemical Nature

Polyurethane paint.

Description and performances

High gloss white polyurethane topcoat. This product is suitable for furniture, office furniture, doors and wooden items in general.

Lab test

Description	Method	Unit of measure	Value - Range
Resistance to cold liquids	UNI EN 12720	Classification in accordance with UNI 10944	B
Scratch resistance	UNI EN 15186	Newton	0,6
Wet-hot resistance	UNI EN 12721	Test level	4
Pencil hardness	ASTM D 3363	British grade	H
Dry-hot resistance	UNI EN 12722	Test level	5
Light Exposure	UNI EN 15187	Gray scale	4,5

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Additional description of the product

Chemical - Technical Properties

Description	Method	Unit of measure	Value - Range
Specific gravity(*)	I.O. 309	g/cm ³	1,380±0,010
Solid content(*)	I.O. 371	%	73±1
Viscosity DIN 4 @20°C	I.O. 301	seconds	140±5

* Typical values

Field of application

7LPP2530NC: 100 parts by weight o 100 parts by volume

7CTH46S05: 80-100 parts by weight o 150 parts by volume or

7DPU530: 40-60 parts by weight.

7DPU809: 40-50 parts by weight.

Viscosity (ready to use): 14 seconds DIN4

Drying conditions: at 20°C

Pot-Life: 4 hours using CTH40

Dust free: 25-30 minutes

Tack free: 60-90 minutes

Stackable: 24 hours

Application amount: 120-150 g/m²

Number of layers: 1-2

Application devices: spray and curtain coater

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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 is suitable for spray and curtain coater application (especially on sanded polyester basecoat).

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

7CTH46S05: it is ideal for transparent and pigmented high gloss topcoat, non-yellowing, improves brushing

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

7DPU809: 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).

7DPU530: slow thinner suitable for summer time. Thinner for high gloss polyurethanic products and polyurethane topcoats in general.

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 tightly 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.