

Technical Data Sheet

7OPP530NI

31/08/2022

Version 2

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BRAND: Sirca.

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

Name and Code

7OPP530NI White PU NY Matt topcoat .

Chemical Nature

White pigmented polyurethane paint.

Description and performances

Non-yellowing white pigmented polyurethane topcoat for COLORSIRCA. This product is suitable for furniture, office furniture, doors and wooden items in general.

Gloss Level: 32 gloss units.

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

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Additional description of the product

Chemical - Technical Properties

| Description | Method | Unit of measure | Value - Range |
|-----------------------|----------|-------------------|---------------|
| Solid content(*) | I.O. 371 | % | 65±2 |
| Viscosity DIN 4 @20°C | I.O. 301 | seconds | 150±5 |
| Specific gravity(*) | I.O. 309 | g/cm ³ | 1,360±0,010 |

* Typical values

Field of application

Product: 7OPP530NI; 100 parts by weight/100 parts by volume
Hardener: 7CTH31; 50 parts by weight/75 parts by volume
Optional Hardener: 7CT30; 50 parts by weight/75 parts by volume
Thinner: 7DPU809; 10-20 parts by weight/15-35 parts by volume
Viscosity (ready to use): 16 seconds DIN4

Drying conditions: at 20°C

Pot-Life: 6 hours using CTH3

Dust free: 20-25 minutes

Tack free: 45-60 minutes

Stackable: 12 hours

Application amount: 100-150 g/m²

Application devices: spray and curtain coater

General properties

PU topcoat with good scratch resistance and smooth to the touch. This product has great white point and great resistance to oxidation phenomena, thanks to the presence of high performance UV filters.

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

7CTH31: Good film hardness, great light fastness and fast drying times.

7CT30: Faster in drying time compared 7CTH31 but less lightfastness.

It is pigmentable with FBU paste series, till 5%.

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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 tigth 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.