

Technical Information

Nitro STAIN

Product description

NITRO STAIN is a transparent pigment preparation based on alkyd resins, nitrocellulose, additives and organic solvents.

Features:

- Quickly dries
- Emphasizes the natural structure of the wood
- Suitable for parquet tinting

Purpose

It is used for basic transparent painting of wooden surfaces in the interior (parts of furniture and interior carpentry) made of solid wood and veneer panels. Its function is purely aesthetic. It emphasizes the natural structure of the wood and it must be varnished.

It is applied in the system with NITRO PRIMER VARNISH and NITRO FINISH VARNISH with the desired gloss degree. 1 layer of NITRO STAIN is recommended, 1-2 layers of NITRO PRIMER VARNISH and 1-2 layers of NITRO FINISH VARNISH with the desired gloss degree.

Surface preparation

Wooden surfaces

Sand the dry surface (8-12% moisture) (120-180 grit sandpaper, 240-320 in the final layer) and remove dust, wax, resin and grease using NITRO thinner.

Working conditions

- Air temperature +10°C - +35°C
- Relative air humidity from 20% to 80%

Instructions for application

Stir the coating well before use.



PNEUMATIC SPRAYING

Working viscosity:

In the delivery condition

Nozzle diameter:

1.3 – 1.5 mm

Air pressure:

0.3 – 0.5 MPa

BRUSH / COTTON CLOTH

Only suitable for small surfaces and local repairs

The shading intensity can be adjusted by adding max. 10% of Nitro thinner

Technical Information

Nitro STAIN

Note

Used in a product system with:

NITRO PRIMER VARNISH

**NITRO FINISH VARNISH
(gloss, semi-matte, matte)**

DEKORIN BOAT VARNISH

**DEKORIN TOP WOOD STAIN
(colourless)**

**LIGNOLUKS PU PRIMER
VARNISHES**

**LIGNOLUKS PU FINISH
VARNISHES**

The technical data are given in order to achieve optimal results by using products manufactured by HELIOS Srbija a.d. Contact our technical service for any additional information. The manufacturer reserves the right to make changes.

Technical data

Type of binder:	Nitrocellulose and alkyd resin
Method of application:	Pneumatic spraying, brush, cotton cloth
Viscosity (DIN 53211):	12 – 15 s (Ø 4 mm, 23°C)
Specific weight:	0.90 – 0.92 kg/l
Shades:	12 standard shades
VOC:	B (a), 850 g/l; product contains max. 850 g/l
Theoretical yield of the coating:	10-20 m ² /l depending on the method of application

Drying (T = + 20°C, rel. hum. 65%):

- Fully dry for applying varnish 15 - 30 min

In conditions of lower temperature and higher relative humidity, the drying time is extended.

Coating interval:	24 hours
<ul style="list-style-type: none"> Recommended Minimal Maximum 	15-30 min by pneumatic spraying, 6 hours by brush or roller without restrictions
Thinner:	NITRO Thinner
Packaging:	1 l

Storage and shelf life:

Originally closed product, stored in a dry place, protected from direct sunlight (+ 5°C to + 25°C) is usable for 24 months.