

TECHNICAL DATASHEET

POLYURETHANE LACQUER NY

PRODUCT DESCRIPTION

A high performance two-pack polyurethane clear varnish providing a protective transparent and extremely tough finish with exceptional yellowing resistance. It enhances the wood's natural beauty and grain.

PRODUCT BENEFITS

- 1- Water Clear coating
- 2- Good UV resistance
- 3- Excellent yellowing resistance
- 4- Excellent scratching resistance
- 5- High durability
- 6- Excellent gloss retention.
- 7- Good chemical and mechanical resistance
- 8- Excellent hardness

RECOMMENDED USES

Suitable for wood surfaces where high resistance, durability and non-yellowing properties are required.

SURFACE PREPARATION

Surfaces should be solid, clean and dry, free from oil, grease, salt, dust and other contaminants. All deteriorated previous coatings should be removed.

Holes and cracks in wood should be filled with suitable filler.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Technology	Polyurethane
Physical State	Liquid
Appearance	Water clear

Finish Eggshell, Gloss
Color Clear

Specific Gravity, ISO 2811 1 ±0.05 g/cm³
Viscosity, ISO 2884 90 sec

Drying Time, ASTM D 5895 35 min to touch.
Recoat Time After 2- 3 hours
Coverage 12- 15 m² / liter

Sag Resistance, ASTM D 3730 Excellent
Leveling, ASTM D 2801 Excellent

Scratching Resistance, ASTM D3002, D 3359 Excellent
Hardness Excellent

Chemical Properties

% Solids by Weight 72 ±2%
% Solids by Volume 72 ± 2%

PRIMING/ THINNING/ APPLYING

If a color is required, it can be stained.

Mix with 50% of hardener PU NY. Thin with PU thinner to reach the desired

viscosity depending on the application (up to 25-30%).

.Apply one coat on the substrate. Recoat it if necessary after 1-2 hours.

Clean tools and equipment with PU Thinner immediately after use.

CAUTION

Flammable liquid. Keep away from flame or high heat.

Avoid inhalation of spray mist and arrange for adequate spraying precautions especially in closed areas.

PACKING

In cylindrical tin containers of the following capacities:

- 1 US Quart = 0.95 L.
- 1 US gallon = 3.78 L.
- 1 Pail (5 U.S.G.) = 20 L

Each container is supplied with its appropriate hardener.

STORAGE

Avoid frost & excessive heat.

SHELF LIFE

2 years under normal storage conditions in unopened containers.

The technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.

All details about working with our products should be adapted to prevailing local conditions and materials used.