TECHNICAL DATA SHEET

NC LACQUER VARNISH

PRODUCT DESCRIPTION

A high-quality nitrocellulose-based lacquer varnish for interior and selected exterior wood applications. Formulated to provide a durable, fast-drying, UV-resistant protective coating with excellent clarity and long-lasting performance.

INTENDED USES

1. Doors and window frames
2. Furniture, cabinetry, and wooden fixtures
3. Interior wooden panels and decorative woodwork

FEATURES

1. UV-resistant finish
2. Excellent weathering and protective properties
3. Water-resistant and moisture-repellent when maintained
4. Excellent adhesion and good abrasion resistance
5. Smooth, elegant suede-like finish
6. Fast drying due to NC resin system

PRODUCT INFORMATION

Property	Description
Appearance	Suede finish
Colours	Clear and tinted options as per City Paints colour brochure
Solids	±55% by mass; ±50% by volume
Density	0.90 kg/L
Recommended Wet Film Thickness	40 µm
Recommended Dry Film Thickness	15–30 µm per coat
Spreading Rate	10–15 m²/L depending on wood porosity and application method
Viscosity (23°C)	40–60 KU
Flash Point	23°C
Environmental Care	Dispose of excess product and containers responsibly

STORAGE & PACKAGING

Storage: Keep containers sealed. Store away from direct heat, sunlight, and severe cold in a well-ventilated area.

Packaging: 1 L, 3.6 L , 18L

Address: Ind. Area, AR Rayyan Doha, Qatar
Email: info@city-paints.com
Tel: +974 3098 8841

25-March-2025
TDS0062

SURFACE PREPARATION

All surfaces must be clean, dry, and sound. Remove oil, grease, dust, and contaminants.

New Wood

1. Sand with 150–180 grit (with the grain)
2. Remove dust with a clean damp cloth or brush

Previously Varnished Wood (Good Condition)

1. Sand to a matt finish to provide a key
2. Remove dust with a damp cloth

Previously Varnished Wood (Poor Condition)

1. Strip completely by sanding or using a suitable paint stripper
2. Rinse thoroughly and allow it to dry
3. Sand smoothly and remove dust

Previously Coated with Wax Sealer / Oil-Based Preservative

1. Sand to bare wood
2. Wipe clean with a cloth dampened with City Paints NC Thinner

Weathered or Discoloured Wood

1. Sand with 100-grit to remove damaged layers
2. Wipe clean
3. Optionally treat with wood reviver, allow to dry, then sand smooth

Previously Painted Wood

1. Strip completely
2. Rinse thoroughly and allow it to dry
3. Sand smoothly and remove dust

APPLICATION INSTRUCTIONS

1. Ensure surfaces are clean, dry, and free from loose material
2. Stir product regularly with a flat paddle before and during application
3. Apply using brush or mohair roller
4. Apply at least **2 coats** on new wood
5. Lightly sand between coats with fine sandpaper or steel wool for a smooth finish

APPLICATION DETAILS

Detail	Specification
Mixing	Stir well before use; maintain even consistency
Method	Brush or mohair roller
Thinning	Not recommended (use City Paints NC Thinner only if necessary)
Cleaning	Clean tools with City Paints NC Thinner

Address: Ind. Area, AR Rayyan Doha, Qatar
Email: info@city-paints.com
Tel: +974 3098 8841

Application Conditions

Condition	Minimum	Maximum
Surface Temperature	5°C	40°C
Ambient Temperature	5°C	40°C
Relative Humidity	10%	85%

Apply when surface is at least 3°C above dew point and away from direct sunlight.

Drying Time (23°C)

- **Touch Dry:** 2 hours
- **Overcoating:** 4 hours

Higher temperatures accelerate drying; lower temperatures slow it down.

Requirements

Minimum **1 coat** for new wood.

LIMITATIONS

1. Routine inspections recommended every 12 months
2. Apply only under specified conditions
3. Do not apply over previous coatings without proper preparation
4. Ensure end-grain is well sealed
5. Apply only to dry wood in a dust-free environment
6. Use containers with matching batch numbers; intermix if different
7. Not for use below ground level
8. Not recommended for exterior decking
9. Cannot be tinted with universal stainers

SAFETY PRECAUTIONS

1. Keep out of reach of children
2. Ensure adequate ventilation during application and drying
3. Wear a dust mask when sanding
4. Avoid skin and eye contact; rinse with water and seek medical advice if needed
5. If ingested, drink water; do not induce vomiting; seek medical attention
6. Do not smoke while applying
7. Transport upright to avoid spillage
8. Refer to the MSDS for full safety and handling information

Address: Ind. Area, AR Rayyan Doha, Qatar
Email: info@city-paints.com
Tel: +974 3098 8841