



NITROCELLULOSE LACQUER

PRODUCT DESCRIPTION

Commercial Performance Coatings Nitrocellulose Lacquer is a single pack, fast drying general purpose lacquer.

Potential uses are for high quality furniture, shop fittings, doors, cabinets, desks, panelling, partitions - most interior timberwork. It can also be used on suitably primed metals however, it is not suitable where aggressive solvents are likely to come into contact with the paintwork.

Utilizing the SELEMIX® universal tinter system, Commercial Performance Coatings Nitrocellulose Lacquer is available in a range of colours and gloss levels.

PRODUCTS

Nitrocellulose Lacquer Mixed Colour	NCL
Reducer	NCR20 Nitrocellulose Lacquer Reducer Normal
Cleaners	971-9119 PROTEC® Metal Conditioner AA-6822 <i>Protec</i> Heavy Duty Wax & Grease Remover

SUBSTRATES & PREPARATION



Commercial Performance Coatings Nitrocellulose Lacquer can be applied over the following substrates once they have been prepared as follows:

SUBSTRATE

PREPARATION



Timber

Fill nail-holes and minor imperfections with a suitable timber putty. Ensure timber is clean, dry and sanded smooth with STARTLINE® 320 dry. Remove all sanding dust prior to priming with 436 Customwood Primer or 93100 Primer White.

Metal

Prime with EPS EtchPro Primer Surfacer or 426 EtchPro.

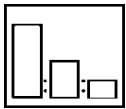
Surfaces showing heavy scale or surface rust should be treated with 971-9119 *Protec* Metal Conditioner. Heavily rusted surfaces should be abrasively blast cleaned.

Before and after any sanding operation, the substrate must be thoroughly degreased using AA-6822 *Protec* Heavy Duty Wax & Grease Remover to remove all traces of dirt, oil, grease, silicone, wax etc.

Substrates other than those stated above should be tested before use, to ensure that the performance of this product is suitable for its intended use.

For other primer options please consult the PPG Commercial Performance Coatings Technical Team.

MIXING RATIO BY VOLUME



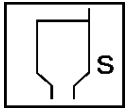
PRODUCT

NCL Mixed Colour
Reducer

PARTS

100
Up to 60%

SPRAY VISCOSITY



CONVENTIONAL, HVLP

16 - 20 seconds (DIN 4) at 25°C

AIRLESS, AIR ASSISTED AIRLESS

20 - 30 seconds (DIN 4) at 25°C

SPRAYGUN



CONVENTIONAL, HVLP

SETUP

- GRAVITY 1.4 mm - 1.6 mm
- SUCTION 1.4 mm - 1.8 mm

SPRAY PRESSURE

- CONVENTIONAL 3.0 - 4.0 bar (300 - 400 kPa, 45 - 60 psi)
- HVLP / RP 2 - 3 bar



AIRLESS, AIR ASSISTED AIRLESS

SETUP

- PUMP RATIO 32:1

SPRAY PRESSURE

- AIRLESS 100 - 140 bar
- AIR ASSISTED AIRLESS 70 - 100 bar

APPLICATION & FLASH OFF



Apply 2 - 4 wet, even coats

Allow 2 - 3 minutes flash off between coats at 25°C

DRYING TIMES



AIR DRY (25°C)

- DUST FREE: 5 minutes
- TOUCH DRY: 5 - 10 minutes
- DRY TO HANDLE: 20 minutes
- HARD DRY: 16 - 24 hours

Note: Drying times can vary dependent on temperature, flash off between coats, film builds and number of coats applied.

RECOAT



Recoat after first coat has become dust free.

Better overall finish is obtained if longer recoating time is allowed.

TOTAL DRY FILM BUILD

30 - 40 µm

TECHNICAL PARAMETERS

VOLUME SOLIDS (RFU)

13 - 18%, depending on colour

COVERAGE (RFU)

3.3 - 6.0 metres squared per litre (m²/L)

EQUIPMENT CLEANING

After use, clean all equipment thoroughly with cleaning solvent or thinner.

HEALTH AND SAFETY

Please refer to Safety Data Sheets (SDS) for full Health and Safety details, as well as product can labels.

This product is for professional use only.

The information given in this sheet is for guidance only. Any person using the product without first making further inquiries as to the suitability of the product for the intended purpose does so at his or her own risk and we can accept no liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

Drying times quoted are average times at 25°C/77°F. Film thickness, humidity and shop temperature can all affect drying times.

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