



# Industrial NC Lacquer

Fast drying nitrocellulose topcoat for metal

1725 - line

## Description

- Nitrocellulose finish coat for industrial applications

## Properties

- Fast drying
- Hard wearing and mar resistant
- High film build per coat

## Typical Applications

- Steel fabrications (tools, machinery, metal furniture, castings, etc.)

## General Data

- Weather resistance Fair; chalking may occur with lengthy exterior exposure, but film integrity should not be affected
- Solvent resistance Resists occasional splashes of aliphatic hydrocarbon solvents; not recommended for continuous immersion
- Chemical resistance Fair
- Abrasion resistance Good
- Recommended primers Not usually required

## Specifications (at 25°C and 50% relative humidity)

- Resin type..... Modified nitrocellulose
- Typical solids content..... 30% (by volume)
- Typical film thickness (per coat)..... 30 microns (dry)  
120 microns (wet)
- Theoretical coverage..... 8 - 10m<sup>2</sup> / L @ 30 microns dry film thickness (dependant on colour)
- Touch dry..... 20 - 30 minutes
- Hard dry..... 4 hours  
Allow 72 hours minimum before stacking painted parts
- Recoating..... after 1 hour minimum
- Gloss.....Gloss
- Colours.....Extensive range available, including metallics
- Shelf life.....minimum 12 months (in cool, dry conditions)

## Surface Preparation

- Bare steel surfaces should have rust and scale removed with abrasive paper or wire brush
- Wipe with clean solvent and rags to remove grease and any other residues

## Mixing recommendation

- Mix the entire contents of the can before decanting
- Stir thoroughly with a broad paddle or mechanical mixer to ensure even consistency of the product
- Thin up to 100% by volume with Wagon Paints' T10 Lacquer Thinner (see Application) and stir as above

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## Application

- May be spray applied using airless or conventional air spray equipment
- **Airless Spray** nozzle size.....0.33 – 0.38 mm  
nozzle pressure.....2000 – 2500 psi (14 - 17mPa)  
volume of thinner.....up to 10%
- **Air Spray** nozzle size.....1.6 – 2.0 mm  
nozzle pressure.....45 – 60 psi (300 - 400kPa)  
volume of thinner..... 50 – 100%
- **Cleaning solvent** .....T10 Lacquer Thinner

## Safety precautions

- **Refer to the relevant Material Safety Data Sheet**
- Contents are flammable – keep away from all ignition sources
- Avoid contact with skin and eyes – when mixing, wear gloves and goggles
- When spraying, ensure adequate ventilation and wear appropriate protective clothing and equipment

**Packaging Group II**      **UN No. 1263**

**Pack sizes**      4 litre, 20 litre

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These technical data and recommendations are based on tests and information believed to be accurate at the time of printing. They should not be construed as containing any warranty, either expressed or implied. Users should conduct their own tests to determine final suitability of this product.



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