

## TECHNICAL DATASHEET

# NITROCELLULOSE ALUMINIUM

### PRODUCT DESCRIPTION

A super quality Aluminum pigmented lacquer for interior/exterior wood or metal surfaces.  
It is designed to achieve great protection and resistance properties as well as a decorative smooth finish.

### PRODUCT BENEFITS

- 1- High gloss
- 2- Good scratching resistance
- 3- Excellent durability and washability
- 4- Perfect adhesion
- 5- High temperature stability
- 6- Good hardness
- 7- Excellent color retention

### RECOMMENDED USES

A topcoat for wood, steel surfaces and automotive applications.  
It can be overcoated with N.C. Lacquer to increase the gloss and for further protection and resistance.  
Ideal for use on furniture, vehicle chassis and under body components, engine parts, metal fireplaces, security gates...

### SURFACE PREPARATION

Surfaces should be solid, clean and dry, free from oil, grease, salt, dust and other contaminants.

- 1- Alkaline and acid surfaces should be cleaned and neutralized.
- 2- Deteriorated previous coatings, weak and blistered paints or chalky substances should be removed by scrapers, paint removers or flame spraying.
- 3- Non-disintegrated paints or glossy surfaces of previous coatings should be roughened slightly with sand paper to ensure good adhesion.

Fill all the pores and holes with NC Ready Putty to smooth the surfaces before Priming.

## PHYSICAL AND CHEMICAL PROPERTIES

### Physical Properties

Physical state Viscous liquid

Color Range Metallic

Specific Gravity, ISO 2811 1.1- 1.3 g/cm<sup>3</sup>

Viscosity, ISO 2884 30-40 poises

Drying Time, ASTM D5894 1-2 hours

Wet Film Thickness, ISO 2808 100 µm

Dry film Thickness, ISO 2808 50 µm

Recoat Time 2-3 hours

Sag Resistance, ASTM D3730 Excellent

Leveling, ASTM D2801 Excellent

Scratching Resistance, ASTM D3003 Excellent

### Chemical Properties

Solids by Weight 50- 55 %

Solids by Volume 40- 47%

## PRIMING/ THINNING/ APPLYING

Fill existing pores and holes with NC Putty.

Apply one coat of NC Primer with a dilution according to the surface condition.

After complete drying of the primer, apply NC Aluminum Paint. Thin with NC Thinner in order to obtain the adequate viscosity for application.

Brush, Roller or Spray.

Apply several coats if needed.

Clean tools and equipment with NC thinner immediately after use.

## 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

## STORAGE

1 year under normal storage conditions from the issue date.  
Avoid frost & excessive heat

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.