

# NC Grey Primer

Product code: E/1233

Color: Grey

## Composition and Application Field

A pigmented nitrocellulose blended with synthetic alkyd resins and selected fillers. It is formulated to give a high excellent filling characteristics, easy sanding and very fast drying. Suitable for all type of wooden furniture, chairs, turned pieces, picture moulding, steel surfaces and primer for cars.

## Product Preparation

### Dilution

Spraying: Dilute with NC thinner E/600 at 150%-200%

Curtain Coater: We advise to dilute with NC thinner E/600 at 150%.

In case of hot and humidity climate to avoid pin-hole and blooming, add 3% of NC retardant thinner E/631.

## Technical Characteristics

### Physical Properties

Specific gravity	1.25	(± 0,025) Kg/l
* Viscosity. Brookfield DV11+, Spindle 4, RPM6 @ 25°C	18000	(± 2000) Cps
Weight solids	51%	(± 2) Kg/Kg
Flash Point	21	grades centigrade

(Abel Pensky closed cup)

Application Rate ..... 140gr/m<sup>2</sup> (per coat)

### Drying @25°C

* Dust free	10 mn
Touch drying	30 mn
Interval coat	1 hr
Sanding	3 hrs
Overcoating	3 hrs

## Dry Film Characteristics

### Mechanical Characteristics

Adherence .....	Good (on wooden substrates)
Plasticity .....	Good
Sanding .....	Very good
Covering .....	Very good

## Surface Preparation

### For Wood

We advise to sand the wood surface (solid wood or veneers) by manual or automatic sanding machine using 100 grain sand paper, before applying our product E/1233, apply one or more coats according to the desired build.

Respect interval time of coats and dilution.

### For Steel

In case of mild conditions of application, remove the previous coat with a mechanical tool, wire mesh, or a mild sweep blast is to be done.

In case of detailed Surface preparation is warranted, remove all wax, oil and grease should be removed by solvent cleaning in accordance with the guidelines given by SSPC-SP1.

Where necessary remove weld spatter and round off all rough weld seams and sharp edges to a smooth surface. Ideally abrasive blast clean to a minimum standard of Sa 2-½ Swedish Standard SIS 05 59 00 or ISO 8501-1:1988. Any surface defects revealed by blast cleaning should be ground, filled or treated in a suitable manner. After blasting, remove dust from the surface. The surface to be coated must be clean and dry with EVI NC THINNER before the application of NC GREY PRIMER.

## Application Method

It is possible to apply the product either with curtain coater or with spray gun.

Spray gun: you can use a spray gun with 1.8-2 mm. nozzle at 3-4 atm/bar. of pressure. It is possible to use even airless or air-mix equipments.

Curtain coater: the most important thing is to keep steady the starting viscosity adding some thinner to compensate the evaporation.

## Subsequent Treatments

To complete the varnishing cycle, you can use our pigmented NC top finish products.

## Packing

Available in Usq, Usg, 5Usg and 10(5Usg)

## Storage

If the drum is hermetically closed and well stored at 25°C, the product has 18 months of shelf-life.