

# NC GREY PRIMER UNIVERSAL

Product code: E/1245  
Color: GREY

## Composition and Application Field

Standard grade single pack Nitrocellulose primer surfacer exhibits good hiding power, dries outstanding, filling flexibility with easy sanding properties. Containing modified raw materials that provide very good adhesion properties on porous wood as well as metal substrates. This ensure overcoat with spreading rate to a wide range of subsequent NC pigmented topcoats of various levels of sheen.

## Product Preparation Dilution

Utilize [E/600] NC Thinner depending on the application system used. In general 150-200% thinner is added to achieve an application viscosity. This is suitable for the spraying application. For Curtain coater application utilize [E/600] NC Thinner at 150%. In case of hot climate and higher humidity, add 3% of [E/631] NC Retardant Thinner.

## Technical Characteristics

### Physical Properties

Specific gravity	1.33	(± 0,02) Kg/l
* Viscosity. Brokfield DV11+, Spindle 4, RPM6 @ 25°C	18000	(± 2000) Cps
Weight solids	65%	(± 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

All timber species must be fully aged with a moisture content of less than 15%. The surface must be dry, clean and free from contaminations. Natural oil or gum must be removed by solvent cleaning.

To obtain optimum surface finish, sand the surface properly, sand the wood properly in the same direction of the wood grain, utilize sanding paper no. [120] to achieve smooth surface, as is adequate sanding and remove dust prior to application of first coat of [E/1244] NC Primer Universal

## 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 2-1/2 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

Depends on the finishes required but in general an appropriate rate is 140 g /sq. m. The number of coats depends on the surface preparation the porosity of the substrate, and the finish required. For details of spray equipment contact EVI Technical Services Department.

## Subsequent Treatments

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

## Packing

Available in 3.5Ltr, 18Ltr, 200Ltr.

## Storage

Store in a cool and well ventilated place. Keep away from direct sunlight. Minimum two years in unopened container, stored in a cool and dry condition at 25°C.

