

# NC White Putty

Product code: E/1250

Color: White

## Composition and Application Field

Nitrocellulose white putty is a combination recipe based on a special Alkyd resin and a nitrocellulose composition with a unique form of filler and pigments. It is meant for the filler of the wood grains and small defects on the wood before a primer is applied in wood industries. Its good virtues include excellent sanding properties and quick setting and thereby ensuring good workability. It should be applied directly. NC putty is used for wood and furniture, also as a product for Automobile repairs and touch ups.

## Product Preparation

Generally ready to use with a knife putty, but in some cases we can spray it after dilution with NC thinner E/600 around 150%.

## Technical Characteristics

### Physical Properties

Specific gravity	1.000	(± 0,025) Kg/l
* Visc. Spindle nb (0-340) in RT	250	(± 25) Ps
Weight solids	64%	(± 2) Kg/Kg
Flash Point	10	grades
		centigrade
(Abel Pensky closed cup)		

Application Rate ..... 230gr/m<sup>2</sup> (per coat)

### Drying @25°C

* Dust free	15 mn
Touch drying	45 mn
Interval coats	3 hrs
Sanding after	4 hrs
Overcoating	4 hrs

**N.B:** The surface profile, the thickness applied, number of coats all affect the drying time and the coverage of E/1250.

The product can be sanded after 3 hours (it's related also to the thickness).

## Dry Film Characteristics

### Mechanical Characteristics

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

## Surface Preparation

We advise to sand good the wood surface by manual or automatic sanding machine using 100 grain sand paper, before applying our product E/1250. As substrate it is possible to use solid wood or veneers. Apply one or more cross coats according to the desired covering effect, even without sanding between coats.

To have a good result it is necessary to sand after 24 hours from the application of basecoat.

## Application Method

You can apply the product either with putty knife at 20-30 microns per coat (normally 2 coats) or with spray gun after dilution at around 250%.

One should apply with a putty knife or a broad bladed knife and spread it evenly on the surface to smoothen. After application light sanding may be done to remove the imperfections. While no thinner is required in the normal course Nitrocellulose Lacquer thinner for ease of application.

Caution: Over diluting would result in imperfect workability and on the other hand too much viscosity would result in rolling. Therefore it is necessary to maintain a good consistency for the working.

Spraying: we advise to use a mm. 1,8-2 nozzle at 3-4 atm/bar. Usable even air-mix or airless pump.

**N.B:** Better to use it for wooden application only, it will not give a satisfactory result over all kind of metal.

## Subsequent Treatments

After drying and sanding can be applied NC primer, using our products. As sanding paper use 220 grain.

**NB:** in case of ageing effect request, it is possible to apply on top of basecoat before applying the top finishes, different kind of "patina". To a correct use consult relative technical data sheet of products or contact our Technical Department.

## 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.