

NC Clear Putty

Product code: E/1220
Color: Transparent

Composition and Application Field

Nitrocellulose Clear Putty is a combination recipe based on a special Alkyd resin and a Nitrocellulose composition with selected extenders. It is meant for the filler of the wood grains and small defects on the wood without affecting the color of the wood. Its good virtues include excellent sanding properties and quick setting and thereby ensuring good workability. It should be applied directly as a levelling filler for wood and furniture.

Product Preparation

Generally ready to use with a putty knife, but in some cases we can spray it after dilution with Nc thinner E/600 around 250%.

Technical Characteristics

Physical Properties

Specific gravity	1.000	(± 0,025) Kg/l
* Visc. Spindle nb	250	(± 25) Ps
3 in RT at 25°C		
Weight solids	35%	(± 2) Kg/Kg
Flash Point	10	grades
		centigrade

(Abel Pensky closed cup)

Application Rate 140gr/m² (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 and number of coats, all affect the drying time and the coverage of E/1220. The product can be sanded after 3 hous (its related also to the thickness).

Dry Film Characteristics

Mechanical Characteritics

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

Surface Preperation

We advise to sand good the wood surface by manual or automatic sanding machine using 180-200 grit sand paper, before applying our product E/1220. As substrate it is possible to use solid wood or veneers, natural or stained. In case of stain applied, be sure of drying before to apply the NC putty. Apply one or more cross coats according to the desired covering effect, even without sanding between coats. To fill the grains, use wood filler .

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

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 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 sealer, using our products. As sanding paper use 220 grain. 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 maximum 18 months of shelf-life.