

NC Sealer

40% solid

Product code: E/1281
Color: Transparent

Composition and Application Field

A fast drying special sealer, based on alkyd – nitrocelulose combination. It has high filling properties, high transparency, and good sanding properties. Major uses for filling of wooden surfaces, for furniture in general, chairs turned pieces cabinets, doors. It is mainly suggested for open grain, where the number of coats to spray is taken in consideration.

Product Preperation

Dilution

Spraying: Dilute with NC thinner E/600 at 100-150%
Curtain Coater: We advise to dilute with NC thinner E/600 upto 100%.
In case of hot and humidity climate, add 3% of NC retardant thinner E/631.

Technical Characteristics

Physical Properties

Specific gravity	0.99	(± 0,025) Kg/l
* Visc. Spindle 4	8000	(± 500) Cps
RPM6 @ 25°C		
Weight solids	40%	(± 2) Kg/Kg
Flash Point	10	grades
		centigrade

(Abel Pensky closed cup)

Application Rate 120gr/m² (per coat)

Drying @25°C

* Dust free	10 mn
Touch drying	25 mn
Interval coats	1 hr
Sanding after	3 hrs
Overcoating	3 hrs

N.B: The surface profile, the thickness applied, number of coats all affect the drying time and the coverage of E/1281.

Dry Film Characteristics

Mechanical Characteristics

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

Surface Preperation

We advise to sand good the wood surface by manual or automatic sanding machine using 100 grain sand paper, before applying our product E/1281. 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 basecoat. 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 a good result it is necessary to sand after 24 hours from the application of basecoat.

Application Method

You can apply either with curtain coater or with spray gun.

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

Curtain Coater: It is necessary to keep steady the starting viscosity.

In case of hot and humidity climate, to avoid pin-hole & blooming, add 2-3% of retardant thinner for nitrocellulose products.

Respect time of interval coat and drying.

Subsequent Treatments

After drying and sanding can be applied NC top finish with a matt or glossy effect, using our products.

As sanding paper use 220 grain, followed by paper 400 grain.

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.