

NC Sealer

Product code: E/1284

Color: Transparent

Description: NC Sealer 51% Solid

Composition and Application Field

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

Product Preparation

Dilution

Spraying: Dilute with NC thinner E/600 at 200%
 Curtain Coater: We advise to dilute with NC thinner E/600 up to 150%.
 In case of hot and humidity climate, add 3% of NC retardant thinner E/631.

Technical Characteristics

Physical Properties

| | | |
|----------------------------------|-------|----------------------|
| Specific gravity | 1.04 | (± 0,025) Kg/l |
| * Viscosity. Brokfield | 28000 | (± 2000) Cps |
| DV11+, Spindle 4, RPM6 @ 25°C | | |
| Weight solids | 51% | (± 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 coat | 1 hr |
| Sanding after | 3 hrs |
| Overcoating | 3 hrs |

NB: The surface profile, the thickness applied number of coats all affect the drying time and the coverage of E/1284.

Dry Film Characteristics

Mechanical Characteristics

| | |
|------------------|----------------------------------|
| Adherence..... | Very good (on wooden substrates) |
| Plasticity | Very 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/1284. 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 filer.

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 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 and blooming, add 2-3% of retardant NC 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 sanding 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 18 months of shelf-life.