

TECHNICAL DATASHEET

NITROCELLULOSE SEALER

PRODUCT DESCRIPTION

A fast drying special sealer designed to seal and protect wooden surfaces before the application of NC topcoats. It gives excellent adhesion, grain filling and sanding properties for a perfectly smooth finish.

PRODUCT BENEFITS

- 1- Fast drying
- 2- Good flexibility making it suitable for different substrates and weather conditions.
- 3- Perfect adhesion
- 4- Excellent sandability
- 5- Great intercoat adhesion
- 6- Good hardness
- 7- Excellent recoatability

RECOMMENDED USES

Specially designed for grain filling on all solid timbers or veneers prior to overcoating with varnishes. Ideal for stained or bare wood surfaces, including furniture, floors, cabinets, doors and trim, paneling and molding.

Note: NC sanding sealer is recommended where excellent sandability is required.

SURFACE PREPARATION

Surfaces should be solid, clean and dry, free from oil, grease, salt, dust and other contaminants.

- 1- Alkaline and acid surfaces should be cleaned and neutralized.
- 2- Deteriorated previous coatings, weak and blistered paints or chalky substances should be removed by scrapers, paint removers or flame spraying.
- 3- Non-disintegrated paints or glossy surfaces of previous coatings should be roughened slightly with sand paper to ensure good adhesion.

Fill all the pores and holes with NC Ready Putty to smooth the surfaces before priming.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Physical State	Thick liquid
Appearance	Clear/transparent finish
Specific Gravity, ISO 2811	0.9-1 g/cm ³
Viscosity, ISO 2884	260-280 Poises
Drying Time, ASTM D5894	1-2 hours
Wet Film Thickness, ISO 2808	100 µm
Dry film Thickness, ISO 2808	50 µm
Recoat Time	2-3 hours
Sandability	Excellent
Scratching Resistance, ASTM D3003	Excellent

Chemical Properties

NC SEALER NORMAL

Solids by Weight	43 ± 2%
Solids by Volume	40 ± 2%

NC SEALER EXTRA CLEAR

Solids by Weight	55 ± 2%
Solids by Volume	50 ± 2%

NC SEALER SUPER

Solids by Weight	46 ± 2%
Solids by Volume	43 ± 2%

THINNING/ APPLYING

For brush/roller and spray application, Thin with NC Thinner
 → up to 185% dilution for NC SEALER NORMAL
 → up to 250 % dilution for NC SEALER EXTRA CLEAR
 → up to 200 % dilution for NC SEALER SUPER
 Thickness of paints film depends on condition of surface.

Clean tools and equipment with NC thinner immediately after use.

PACKING

In cylindrical tin containers of the following capacities:

- 1 US Quart = 0.95 L.
- 1 US gallon = 3.78 L.
- 1 Pail (5 U.S.G.) = 20 L

STORAGE

1 year under normal storage conditions from the issue date.

Avoid frost & excessive heat

The technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.

All details about working with our products should be adapted to prevailing local conditions and materials used.