

## TECHNICAL DATA SHEET

### 1K POLYURETHANE HIGH GLOSS CLEAR COAT

#### PRODUCT DISCRITION

**(NOBEL PUV450 1k)** Is a 1K polyurethane high gloss clear coat.

#### Uses

used for the protection of wooden substrates in interior.

It is recommended for finishing indoor woodworks (doors, partitions, wall-units, ceiling, etc), room furniture including built-in closets, tables, chairs, cupboards, etc.

#### product features

Very good leveling and smoothness

Excellent resistance to scratching and abrasion

Excellent resistance against water and common household chemicals

High transparency

#### technical information

Finish	Gloss/smooth
Color	Clear
Solid content	37%±2
Density at 25°	.9±.02kg/l
Viscosity	3500 cp
Gloss level /60	88-92 GU (angle 60°)



## Substrate and surface preparation

is used over solid wood, veneer, plywood, etc. for sealing of wooden substrates in preparation for the application of transparent coatings

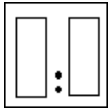
Surface must be clean and free from oil grease dirt limescale and any other foreign contaminant

Sandpaper is applied in the direction of the wood grain and it is taken into account to wipe the dust

Close the pores by repeated application of sealer of Nobel product

## Application

(**Nobel puv450**) 1k pu clearcoat can be applied by spraying  
Nobel super Thinner or White Spirit thinner



### Mixing ration and application

Add 35-40% thinner for spraying. Apply in 2 single coats.



Add 15-20% thinner for brush.  
Apply in 2 single coats.

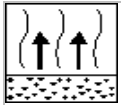


### Spray gun tips:

	Spray Nozzle	Inlet pressure	Atomization pressure
Compliant	1.6-1.8	2 bars (26- 29 psi)	
HVLP	1.6-1.8	2 bars (26- 29 psi)	0.7bar (8-10 psi)
Conventional	1.6-1.8	3-3.5 bar (45-50 psi)	

Refer to the spray gun manufacturer's recommendation.

## Drying time



Dry to touch: 60-90 min/25°C



**Drying time at :**

Dry to handle: 6-8 h/25°

CDry to recoat: 6-8 h/25°C

## color

transparent

## Theoretical coverage

1. 5 – 6 m<sup>2</sup>/kg per coat at 60-70 microns dft
2. Practical coverage depends on several factors including shape, roughness and porosity of the object to be painted, spraying equipment used, application methods, application conditions, film thickness, etc.
3. For best results, it is always recommended to test the products on scrap pieces of wood before startpaint job

## Shelf life

3 years from production date stored in original packaging at normal conditions. And away from direct sunlight and heat

## Health and Safety

1. For full Health and Safety information please refer to the Material Safety Data Sheet.
2. Observe the precautionary notices displayed on the container.
3. Good ventilation must be provided in the working environment