

## TECHNICAL DATA SHEET

### 2K POLYURETHANE SURFACER

#### PRODUCT DESCRIPTION

(NOBEL PUR410) Is a pigmented 2K polyurethane sealer with excellent filling and sanding properties.

#### Uses

It is used for the sealing of wooden substrates prior to applying Nobel-pigmented coatings.

#### product features

It offers good filling properties

good leveling

fast drying

easy standability

#### technical information

Finish	Matt smooth
Color	Transparent
Solid content	46%±2
Density at 25°	1±.02kg/l
Viscosity	30000-35000 cp



## 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 surfacer puR410**) PU sealer can be applied by spraying  
(**Nobel H310 PU Hardener**)

Nobel a810 PU Thinner-normal

Nobel a820 PU Thinner-slow

NOTE: Nobel a830 slow thinner is recommended for high temperatures



Mixing ratio: 100:50:30-40

Hardener: (Nobel H 310)

Thinner: Nobel a810- 820

Pot life: 4-5 hours at 25°C

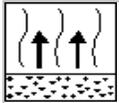


### Spray gun tips:

	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



5- 10 min between coats



**Drying time at :**  
Dry dust free: 10-15 min/25°C  
Dry to sand: 2-3 h/25°C



Sand with grit paper P320 followed with P400 and finish with P500

## color

black or white colors are available.

## Theoretical coverage

1. 4 – 5m<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