

Epifanes Polyurethane Clear Satin

A two-component interior varnish with rich satin sheen and excellent scratch- and mechanical resistance. Suitable for all interior woodwork. Highly impervious to alcohol and onboard chemicals.

Type Chemical drying
Base Polyester saturated, aliphatic urethane
Colour Waterclear
Gloss Ultra high gloss
Density 1.07 kg/dm³
Solids content 50 ± 2 weight % = 35 ± 2 vol. %

Drying times at 20°C / 65% RAH
at 30µm dft

Dustdry	Recoatable	Through hardened
2 hours	24 hours	7 days

Packing
Mixing ratio (by weight)

500gr. base + 250gr. cure = 750gr
2 parts base (A) : 1 part cure (B).
30 minutes

Induction time at 20°C (=65°F).
Potlife after mixing

at 10°C	at 20°C	at 30°C
4 - 6 hours	3 - 4 hours	2 - 3 hours

Application

	Air spray	Brush
Vol. % thinner	10	0- 5
Nozzle	1.3 - 1.8 mm	
Pressure (Bar)	3	
Viscosity Din Cup 4 mm	20 - 22 sec.	

Thinner
- brush / roller application
- spray application

Epifanes Polyurethane Brushthinner
Epifanes Polyurethane Spraythinner
Add thinner after mixing both components. Thinning ratio depends on temperature of varnish and work area.

Important

Stir mixture thoroughly prior to and during use.

Remarks :
- airless spray
- pressure feed paint container

Not advised
Pot life will be shortened due to temperature increase in the container.

Theoretical coverage
Practical coverage

11 m² per kg @ 30 µm dryfilmthickness
Dependant on application methode, kind and condition of substrate, loss of material due to shape of object, circumstances during application, etc.

Recommended system

On bare wood apply first several filling coats of gloss varnish :
Epifanes Varnish PP Extra or Epifanes Polyurethane Clear Gloss

Recommended wft per coat

60-80 µm (= 25-35 µm dryfilmthickness)

Recoatability

Within 24 and 48 hours, without sanding. After 48 hours, lightly sand with wetordry abrasive paper nr. 360. May also be overcoated with Epifanes Rubbed Effect Varnish (one-component). In this case, sand the Polyurethane with wetordry abrasive paper nr. 320.

Application conditions :
temperature and relative air
humidity

Work area	Varnish	Substrate	Rel. Air Hum.
>12°C <30°C	>12°C < 30°C	>12°C <30°C	>50% < 80%