

# Epifanes Rubbed Effect Varnish

One component interior varnish with beautiful satin sheen



## PRODUCT DESCRIPTION

Epifanes Rubbed Effect Varnish is quick drying, scratch resistance one component interior varnish based on urethane alkyd resins. This varnish gives a very pleasant warm satin feel. It provides great protection against alcohol and other household chemicals.

**Field of use:** As a satin finishing coat in a new system or as a maintenance satin varnish in an existing system. Suited for application on virtually every varnish. On bare wood always start with several high gloss build up coats. The high gloss varnish will fill the wood grain faster. The build in UV filter of the high gloss build up will also protect the wood against yellowing.

## PRODUCT INFORMATION

<b>Type</b>	Oxidative drying
<b>Base</b>	Urethane resin
<b>Gloss</b>	Satin
<b>Colour</b>	Transparant amber
<b>Density at 20°C.</b>	910 gr. / dm <sup>3</sup>
<b>Viscosity</b>	50 seconds ISO-cup 6 mm
<b>Solids Contents</b>	40 ± 2 vol. %
<b>VOC-level</b>	427 gram/liter
<b>Packing</b>	500ml. - 1000ml. - 5000ml.
<b>Shelf life</b>	In closed unopened container stored in a dark location between 5 - 30°C approx. 3 years.
<b>Rec. filmthickness</b>	70 µm wet = 30 µm dry
<b>Thinner brush</b>	Epifanes Brushthinner for Paint & Varnish or a good quality white spirit
<b>Thinner spray</b>	Epifanes Spraythinner for Paint & Varnish or denaturated alcohol
<b>Thinning in general</b>	Thinning ratio depends on product temperature and working area. Avoid overthinning. For thinning ratios, see the Epifanes varnish system.

Drying times	10°C.	15°C.	20°C.	25°C.
Dust dry	3 hours	2 hours	1 hour	45 minutes
Sandable	24 hours	18 hours	12 hours	10 hours
Recoatible	24 hours	18 hours	12 hours	10 hours

The above mentioned drying times are indicative at 65% RAH and 35 µm dry filmthickness. Drying also depends on the amount of ventilation and applied wet filmthickness. Higher wetfilmthickness and/or limited ventilation results in longer drying times. Especially flat surfaces may take longer to dry due to high wetfilmthickness. Allow each varnish coat sufficient time to dry.

**Substrate** New system: Clean the high gloss varnish previously applied and sand with P240. Apply Epifanes Rubbed Effect Varnish in 2 coats.

Existing system: Clean the varnish system in place and sand with P240. Apply 2 coats of Rubbed Effect Varnish. Lightly thin first coat to get a better bond with the varnish system in place.



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### APPLICATION

Conditions during application **Temperature** minimal 8°C. - maximal 30°C.  
**Relative air humidity** minimal 50% - maximal 85%

Best results are achieved by longhaired soft brush or by air spray. Because of the required wet filmthickness application by roller is not advised. Evenly distribute the varnish over the surface and tip off along the wood grain. Avoid retipping. Do not apply wet-on-wet. Do not apply excessive wetfilmthickness to avoid the formation of curtains and drying problems. Avoid varnishing in direct sunlight or too much wind. A rapid loss of solvents will occur under these conditions and decrease the flowing ability. Avoid big difference in temperature of the product, surface to be varnish and working area. In case the product “pulls” and is difficult to apply, 10% thinner may be added. To retrieve the original colour of the wood, Epifanes Mahogany Stain or Epifanes Teak Stain may be added to the varnish up to 10%. After drying, lightly sand the surface with P400 or Scotch Brite. Always sand by hand along the wood grain.

**Guidelines for spray application:**

Thinning volume	Nozzle	Pressure	Visco DIN-cup 4 mm
15-20%	1.2 mm - 1.5 mm	2-3 Bar	20-24 sec.

### SYSTEM BUILD UP

	Step 1	Step 2	Step 3	Step 4
<b>Product</b>	EPIFANES Clear Varnish	EPIFANES Clear Varnish	EPIFANES Clear Varnish	EPIFANES Rubbed Effect Varnish
<b>Numb. of coats</b>	1	1	1 or more	1-2
<b>Thinner</b>	EPIFANES Brushthinner PV	EPIFANES Brushthinner PV	EPIFANES Brushthinner PV	EPIFANES Brushthinner PV
<b>Tinning ratio</b>	25-50%	10-25%	0-10%	0-5%
<b>Drying time 20°C.</b>	24 hours	24 hours	24 hours	12 hours
<b>Sanding grit</b>	Dry P220 - sand by hand	Dry P280 - sand by hand	Dry P280-3230 by hand or Scotch Bright	Wet P400 by hand or Scotch Bright.
<b>Remarks</b>	First penetrating varnish coat. For full varnish penetration inside the wood fibres apply this first coat heavily thinned.	Second penetrating varnish coat. Do not sand to heavy, but enough to create good grip for the next coat.	In case of openporic wood more gloss coats may be needed. Avoid heavy sanding, but sufficient enough to create good grip for the next coat of Epifanes Rubbed Effect Varnish.	Lightly sand between coats

**Theoretical coverage**  
**Practicle coverage**

13m<sup>2</sup> per liter @ 30 µm dry filmthickness  
 Dependent on condition of substrate, loss of material due to factors such as application technique, shape of object, circumstances during application.

**Recoatbility with other Epifanes varnishes**

Epifanes Clear Varnish	High gloss finish
Epifanes Woodfinish Gloss	High gloss finish
Epifanes Woodfinish Matte	Matt finish for interior or exterior
Epifanes Aqua Marine Interior Varnish	Water based satin finish alternative for interior use
Epifanes Rapidcoat / Rapidclear	Semi gloss finish

**Safety**

The user of this product should obey all all national laws and legislation concerning health, safety and environmental hazard. For more information on health and safety, refer to the Material Safety Data Sheet of this product.

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