

## Epifanes Woodprimer

### Filling one-component primer for wood

<b>Type</b>	Air drying	
<b>Base</b>	Urethan / alkyd resin	
<b>Properties</b>	A traditional one-component primer for use on bare wood, with good filling, building and covering properties. The appropriate primer for wood in one-component paint systems above the waterline. Recoatable with all Epifanes one-component paints.	
<b>Field of application</b>	Wood: bonding primer on bare wood in a one-component paint system above the waterline.	
<b>Colours</b>	White - grey - black—brown	
<b>Gloss</b>	semi gloss	
<b>Density</b>	1,10 - 1,50 kg/dm <sup>3</sup>	
<b>Viscosity</b>	40 seconds DIN-cup 6 mm	
<b>Solids contents</b>	65 +/- 2 vol. %	
<b>VOC - level</b>	435 grams/liter	
<b>Packing</b>	750ml. - 2000ml.- 4000ml.	
<b>Shelf life</b>	In closed original container stored in a dark location between 5 - 25°C approx. 3 years.	
<b>Conditions during application and drying</b>	Temperature	minimal 10°C. - maximum 28°C.
	Relative air humidity	minimal 50% - maximum 75%
<b>Thinner</b>		
	<b>brush application</b>	Epifanes Brushthinner for Paint & Varnish
	<b>conv. spray application</b>	Epifanes Spraythinner for Paint & Varnish
	<b>airless spray application</b>	Epifanes Thinner D-100
<b>Application tools</b>	Soft, longhaired brush, roller or spray	
<b>Recommended filmthickness / coat</b>	70 µm wet = 45 µm dry Do not apply higher wet film.	
<b>Application recommendations</b>	Stir well prior to use and during application. Do not overbrush. Do not apply wet-in-wet. Avoid excessive wet films to avoid the formation of curtains and through drying problems.	
	Avoid painting in direct sunlight or too much wind. A rapid loss of solvents will occur under these conditions and decrease the flowing ability. The application and drying should occur in well ventilated areas. Always secure sufficient air circulation for supply of fresh air and disposal of solvent fumes and in order to avoid drying problems.	
<b>Theoretical coverage</b>	8-10m <sup>2</sup> per liter @ 45µm dry filmthickness	
<b>Practicle coverage</b>	Dependent on condition and structure of wood, loss of material due to factors such as application technique, shape of object, circumstances during application.	
<b>Substrate conditions</b>	Temperature of paint, object and work area during application and drying should not be lower than 10°C. Relative air humidity should not exceed 85%.	

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### Application details

	Air spray	Airless spray	Roller
Thinning volume	10 - 15%	0 - 5 %	0-5%
Nozzle	1.5 mm-2.0 mm	0.018 - 0.021 "	
Pressure in bar	3 - 4	120-150	
Visc. DIN-cup 4 mm	20-24 sec.	60 - 80 sec.	

### Drying times @ 20°C. / 65% RAH and 45 µm dry filmthickness

Dustdry	Sandable by hand	Recoatable
2 hours	24 hours	24 hours

### Substrate condition

Make sure the wood is dry and free of all dirt, wax or other contamination before paint is applied. Degrease oily, resinous types of wood, like pine and Oregon pine with acetone. Degrease Mahogany and other non-oily woods with Epifanes Spraythinner for Paint & Varnish. Allow to fully evaporate.

Sand the bare wood to a fresh surface using 100-220 dry abrasive paper. In case of very rough and uneven surfaces, first sand with 60-80 dry. Always sand along the wood grain. Remove all dust and degrease once more.

### System build up

On bare wood 1 or more coats depending on woodstructure. For maximum bonding on bare wood, apply first coat thinned by 20-25% and by stiff brush. For necessary intercoat adhesion, sand every coat of Epifanes Woodprimer with P180-220 dry abasive paper.

### Recoatability

After sanding with P180-220:

Epifanes Yacht Enamel - Epifanes Mono-urethane Yacht Paint  
 Epifanes Bilge Paint - Epifanes Nautiforte Yacht Paint  
 Epifanes Undercoat - Werdo Coasterpaint

### Suitable filler

Epifanes Combi Filler (max. 1 mm per coat) used between coats

### 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.

Although the facts and suggestions in this product information sheet are based on our own research and field experiences and are believed reliable, we cannot simply be held responsible for performance or results obtained through the use of this product. Ineffectiveness or other unintended consequences may result, because of such factors as weather, conditions, presence or other materials or the manner of preparation, use or application all of which are beyond W. Heeren & Zoon's control. All such risks are assumed by user.

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