

Epifanes PU Speedcoat Colour

A professional topcoat finish for spray applications

Type	Chemical drying						
Base	Acrylic poly-ol						
Properties	A professional two-component high gloss finish with outstanding flowing properties Longlasting gloss retention. Scratch - and weather resistant.						
Field of application	GRP / Steel / Aluminium / Plywood : protection and estetic finish sole for spray application indoor and outdoor and outdoor in combination with the correct priming system .						
Colours	On request: Epifanes colours, maritiime related colours and RAL colours						
Gloss level	95%						
Density	1,10 - 130 kg/dm ³ depending on colour						
Viscosity	40 seconds ISO-cup 4 mm.						
Solids contents	50 ± 2 weight % = 40 ± 2 volume %						
VOC–level mixed product	569 gram / liter						
Packing	2 kg. base component A + 1 kg. curing component B = 3 kg. In total						
Shelf life unmixed	In closed container stored in a dark location between 5 - 25°C. approx. 2 years						
Mixing ratio by weight	2 parts base component A : 1 part curing component B						
Mixing instructions	Well stir base component A prior to adding curing component B. Stir both component together for at least 5 minutes to a homogeneous substance. (2 minutes with mechanical stirring). Add thinner after mixing!						
Induction time at 20°C. / 65% RLV	5-10 minutes						
Potlife after mixing	<table border="1" data-bbox="638 1254 1436 1344"> <thead> <tr> <th>at 12°C</th> <th>at 20°C</th> <th>at 30°C</th> </tr> </thead> <tbody> <tr> <td>3 - 4 hours</td> <td>2 - 3 hours</td> <td>1 - 2 hours</td> </tr> </tbody> </table>	at 12°C	at 20°C	at 30°C	3 - 4 hours	2 - 3 hours	1 - 2 hours
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Conditions during application and drying	Temperature minimal 15°C. - maximum 27°C. Relative air humidity minimal 50% - maximum 75%						
Spraythinner	Epifanes PU Speedcoat Fast Thinner Epifanes PU Speedcoat Slow Thinner						
Thinner guideline	Add thinner after mixing both components. Thinning ratio depends on temperature of mixed product and work area.						
Application tools	RP, HVLP or conventional air spray. This product is not suited for brush/roller applications						
Substrate conditions	Well cured, cleaned, degreased, sanded, intact two component paint systems. In new systems, build up with Epifanes Epoxy Primers and PU Primer.						

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Theoretical coverage 12 m² per kg. @ 35 µm dry filmthickness

Practicle coverage Dependent on condition of substrate, loss of material due to factors such as application technique, shape of object, circumstances during application.

Application details

	Air spray / HVLP spray	RP spray
Thinning volume	15-25 %	15– 25%
Nozzle	1.2 - 1.3 mm	1.1 - 1.2 mm
Pressure on pistol	3.0 - 3.5 bar	2.2 - 2.5 bar
Viscosity DIN-cup 4 mm (20°C.)	15-18 sec.	16 - 18 sec.

Application remarks Airless spray not advised. Pressure feed paint container: Pot life will be shortened due to temperature increase in the container. Before spraying, check filterhouse and filters on contamination.

Drying times @ 20°C. / 65% RAH and 30 µm dry filmthickness

Dustdry	Sandable	Recoatable	Through hardened
1 hour	24 hours	24 hours	14 days

Recoatability wet-on-wet With itself after 60-90 minutes (20°C.)

Polishing After 7 days curing time

Recoatable For additional gloss and depth one or more coats Epifanes PU Speedcoat Clear Gloss may be applied. This is also recommended in case of polishing.

Intercoat sanding Not required (wet-on-wet application.)

System

Amount of coats 3 coats
Filmthickness per coat 60 - 80 µm wft = 30 - 40 µm dft
Total filmthickness 180 - 240 wft = 90 - 120 µm dft

Do not apply excessive wet films to avoid the formation of curtains and drying problems.

Polishing After 7 days (20°C.)

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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