

Epifanes Multicover

Multi purpose two-component epoxy primer

Type	Chemical drying									
Base	Epoxy resin with zinc phosphate									
Properties	A tough multi purpose two-component primer. Quick drying and exceptional bonding various bare or painted surfaces. High filling and excellent anti-corrosive properties on steel. Recoatable with primers and topcoats based on alkyd, urethane, epoxy and chlorinated rubber.									
Field of application	GPR - Steel - Plywood - Aluminium - Zinc - Non-ferrous metals: Bonding, filling and repair primer for interior and exterior use above and below the waterline. Also for maintenance of existing paint systems based on alkyd, urethane and epoxy.									
Colour	grey									
Gloss	semigloss									
Density	1.40 /dm ³ (mixed product)									
Viscosity	50 seconds DIN-cup 6 mm.									
Solids contents	60 ± 2 vol.% (mixed product)									
VOC-level mixed product	454 gram / liter (mixed product)									
Packing	750ml. (600ml. base component A + 150ml. curing component B) 4000ml. (3200ml. base component A + 800ml. curing component B)									
Mixing ratio	<table border="1" data-bbox="624 1133 1442 1265"> <thead> <tr> <th></th> <th>By volume</th> <th>By weight</th> </tr> </thead> <tbody> <tr> <td>Base component A</td> <td>100</td> <td>100</td> </tr> <tr> <td>Curing component B</td> <td>25</td> <td>16</td> </tr> </tbody> </table>		By volume	By weight	Base component A	100	100	Curing component B	25	16
	By volume	By weight								
Base component A	100	100								
Curing component B	25	16								
Induction time at 20°C. / 65% RLV	10-15 minutes									
Potlife after mixing	<table border="1" data-bbox="627 1312 1449 1413"> <thead> <tr> <th></th> <th>at 10°C</th> <th>at 15°C</th> <th>at 20°C</th> </tr> </thead> <tbody> <tr> <td></td> <td>12 hours</td> <td>10 hours</td> <td>8 hours</td> </tr> </tbody> </table>		at 10°C	at 15°C	at 20°C		12 hours	10 hours	8 hours	
	at 10°C	at 15°C	at 20°C							
	12 hours	10 hours	8 hours							
Shelf life unmixd	In closed container stored in a dark location between 5 - 25°C. approx. 2 years									
Conditions during application and drying	Temperature minimal 10°C. - maximum 28°C. Relative air humidity minimal 50% - maximum 75% Temperature of substrate must be 3°C. above dew point.									
Thinner brush / roller / spray	Epifanes Thinner D-601									
Thinner guideline	Add thinner after mixing both components. Thinning ratio depends on temperature of mixed product and work area. For surface penetration and optimum adhesion always thin first coat on bare plywood and metal by 20-25% and apply by stiff brush.									
Application tools	Nylon roller - Soft, longhaired brush - conventional and airless air spray.									
Recommended filmthickness / coat	100 - 150 µm wetfilmthickness = 60 - 75 µm dryfilmthickness.									
Application recommendations	Do not apply wet-in-wet. Do not apply excessive wet films to avoid the formation of curtains and drying problems. Avoid applying in direct sunlight or too much wind. A rapid loss of solvents will occur under these conditions and decrease the flowing ability.									

Epifanes Multicover

Multi purpose two-component epoxy primer

Theoretical coverage 10 m² per liter. @ 60 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.

Drying times @ 60 µm dry filmthickness

	Dustdry	Touch dry	Through hardened
10°C. / 65% RAH	4 hours	6 hours	14 days
15°C. / 65% RAH	3 hours	4 hours	10 days
20°C. / 65% RAH	2 hour	2.5 hours	7 days

Intercoat sanding If subsequent coat is applied within 48 hours (18°C.), intercoat sanding is not necessary. If recoated after 48 hours, sand with P120 dry abrasive paper.

One-component recoatability @ 60 µm Dft with Epifanes alkyd and urethane based primers and topcoats dry filmthickness

	At 10°C. Surface temp.	At 15°C. Surface temp.	At 20°C. Surface temp.
Min. recoatability time	10 hours	8 hours	5 hours
Max. recoatability time	21 days	14 days	10 days

Two-component recoatability @ 60 µm Dft with Epifanes Poly-urethane and epoxy based primers and topcoats

	At 10°C. Surface temp.	At 15°C. Surface temp.	At 20°C. Surface temp.
Min. recoatability time	16 hours	12 hours	8 hours
Max. recoatability time (not exposed to UV)	6 months	6 months	6 months
Max. recoatability time (exposed to UV)	3 months	3 months	3 months

Filler After 24 hours and sanding with P150-180 dry abrasive paper. Epifanes Epoxy Filler 1500 - Epifanes Epoxy Filler LG 800

Substrate conditions Clean, dry, degreased, free of rust and other contamination. Remove salt and other watersoluble contamination by high pressure water hosing. Remove (residues of) oil and grease with Epifanes Cleaning Solvent or other suitable degreaser. After cleaning, sand the surface with P60-80

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.

DISCLAIMER OF WARRANTIES. Seller makes no express warranties. THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXCLUDED. In the event a warranty is created by law, buyer's EXCLUSIVE REMEDY shall be the replacement of any defective product. No other remedy (including, but not limited to, incidental or consequential damages for lost profits, lost sales, injury to person or property, or any other incidental or consequential loss) shall be available to buyer.

August 2018