

Epifanes Washprimer AQ

Waterborne solventfree bonding primer

Type	Physical drying	
Base	Acrylic resin	
Properties	A waterbased adhesion primer providing excellent bond to new aluminum, zinc coated and galvanized steel surfaces, non-ferrous metals, glass and ceramics.	
	Note	On existing surfaces with corrosion, use Epifanes Multi Marine Primer as adhesion primer.
Field of application	New aluminum, zinc coated and galvanized steel surfaces, non-ferrous metals, glass and ceramics. For interior and exterior use above and below the waterline.	
Colour	Off white, dries fully transparent	
Gloss	matt	
pH-value	5.5	
Density	1,20 kg/dm ³	
Viscosity	300cps. Brookfield RVT 100 t/n needle M3	
Solids contents	20 +/- 2 vol. %	
VOC - level	0 grams/liter	
Packing	500ml. - 1000ml.	
Shelf life	In closed original container stored in a dark location between 5 - 25°C At least 3 years.	
Conditions during application and drying	Temperature	minimal 5°C. - maximum 28°C.
	Relative air humidity	minimal 50% - maximum 75%
Thinner for all applications	Use unthinned preferably. If needed, thin with fresh water	
Cleaner	Fresh water	
Application tools	Moltopen foam roller, soft brush or air spray	
Recommended filmthickness / coat	30 - 40 µm wet = 10 - 15 µm dry	
Application recommendations	Do not apply below 5°C. Do not apply excessive wet film thickness in order to prevent drying problems. Provide sufficient ventilation during application and drying.	
Theoretical coverage	16 m ² per liter @ 10µm 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.	
Substrate conditions	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/brush
Thinning volume	Do not thin	Do not thin	Do not thin
Nozzle	1.5 mm– 1.8 mm	0.011 - 0.013 “	
Pressure in bar	3 - 4	80 - 100	

Application remark

Solely use plastic or stainless steel nozzles. Only apply a thin coat, avoid curtains.

Drying times @ 20°C. / 65% RAH and 10 µm dry filmthickness

Dustdry	Touch dry	Recoatible	
2 hours	6 hours	Mion. 2 hours	Max. 14 days

Do not sand this Washprimer

Substrate conditions

New aluminium Remove all water solvabel salt and other dirt by fresh water and brush. Remove all oil, crease and all other contamination with Epifanes Spraythinner for Paint and Varnish. Do not sand the surface.

Zinc treated surfaces Remove all water solvabel salt and other dirt by fresh water . Remove all dust and and possible salts with water and a stiff brush. Do not sand the surface.

Non ferro metals / stainless steel Remove all water solvabel salt and other dirt by fresh water and brush. Degrease with an appropriate degreaser. Allow the surface to fully dry. Do not sand the surface.

Recoatibility one-component Epifanes Multi Marine Primer

two-component Epifanes Epoxy Primer
Epifanes Epoxy HB Coat
Epifanes Poly-urethane Primer

Recoatibility below the waterline Epifanes Epoxy Primer - Epifanes Epoxy HB Coat

Remark regarding recoatability on zinc The combination of alkyd based primers and paints and zink may eventually lead to possible migration of fatty acids and the formation of zinc soap leading to de-adhering.

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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