

# Epifanes Washprimer AQ

Waterborn, acrylic resin based primer. Recommended adhesion primer for (anodised) aluminium, galvanized steel, stainless steel, non-ferrous metals, copper, glass, ceramics and other poor adhering substrates. For interior and exterior use, above and under water. This primer is recoatable with both one- and two component products

Type	Acid, chromate and solvent free		
Base	Waterborn acrylic resin.		
Colour	Off-white, dries to a clear transparent film		
pH	5		
Density	1.18 kg/dm <sup>3</sup>		
Viscosity	300 cps Brookfield RVT100 upto needle M3		
Solids content	20 ± 2 vol.%		
Drying times at 20°C. / 65% RAH	Hand dry 15 minutes	Touch dry 20 minutes	Recoatable 2 hours depending on ambient conditions.
Application		Airless spray	Air spray
	Brush/roller		
	Vol.% thinner	n.a.	n.a.
	Nozzle	0.011" - 0.013"	1.2 - 1.5 mm
Pressure ( Bar )	80-100	2-3	
Remarks	Use plastic - nylon - or rust free steel nozzles - avoid sagging		
Thinner	Epifanes Washprimer AQ is ready for use Tools and equipment can be cleaned with clean water.		
Theoretical coverage	18 m <sup>2</sup> per litre @ 10 µm dry filmthickness		
Practicle coverage	Dependent on application methode, kind and condition of substrate, loss of material due to shape of object, circumstances during application, etc.		
Recommended wet filmthickness	30-40 µm, ( @ 10-15 µm dry filmthickness )		
Properties	Epifanes Washprimer AQ gives excellent adhesion on aluminium, non-ferrous metals, metalized steel, stainless steel and is universal recoatable. Its adhesion is purely physical, without any chemical reaction with anodised surfaces. After drying a hard but flexible, non-porous film is formed without the limitations of conventional etching washprimers, epoxy resin ester or short oil alkyd resin based primers : * no radical acid in the cured coat * no risk of de-adhesion caused by formation of zinc soaps formed by action of free fatty acids in the binders of alkyd resin based primers.		
Sanding	Do NOT sand.		
Recoatibility	Universal.		
Recommended overcoating period	Indoor use within 14 days, outdoor use within 48 hours.		
Substrate conditions	Zinc- and metal sprayed surfaces must be dry, clean and free of oil, grease, dirt and salts. Non-ferrous metals and anodised aluminium must be degreased with suitable cleaner, completely dry, clean and free of corrosion. Remove all salts and other water soluble dirts with fresh water. Remove grease and oil with water and ammonium solution or Epifanes Spraythinner for Paint and Varnish.		
Application conditions	Temperature of paint, object and work area during application and drying should not be lower than 8°C. Relative air humidity should not exceed 85%. Temperatrure of object during application and drying should be at least 3°C above dew point.		
Storage	Store in a dry and cool place, away from frost and direct sunlight		