

Marine & Protective Coatings

WILKOZINC Primer 1500

Code No. / Colour	Base	ESZ 1501	greenish grey
	Hardener	ESZH	
Description	A two component ethyl silicate zinc rich paint. Offers cathodic protection of steel. Excellent resistance to abrasion, weathering and high, dry temperatures (+ 400°C). Withstands immersion in oils and various solvents. Separate table available.		
Recommended use	Can be used as a single coat or as a primer for protective coating systems. Recommended for bridges, pipe-work, heat exchangers and chemical tanks etc.		
Certification	---		
<u>Product information</u>			
Solids volume	abt. 51% (mixture)		
Recommended DFT/WFT	60/120 microns or 80/160 microns		
Theoretical coverage	abt. 8,5 m ² /litre = 4,25 m ² /kg at 60 microns DFT or 6,4 m ² /litre = 3,2 m ² /kg at 80 microns DFT, depending on the roughness of the surface and application conditions		
Specific gravity	abt. 2,0 g/cm ³ (mixture)		
Mixture		Base	Hardener
	by volume	1	1
	by weight		
Flash point	+ 14°C		
Storage	abt. 6 months (under normal conditions) Avoid to use more than six months old hardener (packing date on a label).		
<u>Application</u>			
Pot life	5 hours at 23°C		
Method of application	By airless or conventional spray or brush. Agitate during application. Depending on the application method the paint can be thinned 0 - 5 % by volume.		
Tip size	0,018" - 0,021"		
Thinner	VEE 05		
Drying time at 65 % relative humidity	Temperature	+ 10°C	+ 23°C
	Touch dry	1 hrs.	30 min.
	Overcoatability	min. 48 hrs./70% LF	24 hrs./70% LF
	Remarks	7 hrs./70% LF	
		Drying and re-coating time are related to the film thickness, ambient temperature, relative humidity of the air and ventilation. Before over-coating the curing has to be verified by testing with Ethylsilicate thinner.	
	During application the temperature of the surface should be min. 3°C above the dew point of the air.		
Surface preparation	Oil, grease, salts and dirt have to be removed by appropriate means (ISO 12944-4) and blast cleaning Sa 2½ - Sa 3 according to ISO 8501-1.		
Recommended paint system	According to specification.		
Overcoatability	Can be over-coated with WILKOR, WILKONYL, WILKOPOX, WILKOTAN and EPOSIST systems. Please consult our technical department.		
<u>Generals</u>			
Safety precautions	<ul style="list-style-type: none"> a) ensure adequate ventilation b) do not inhale spraymist c) if eyes are contaminated flush with water and ask for medical attention d) avoid contact with skin e) for further information refer to the safety data sheets 		
Availability	word-wide, minor product modifications may exist in order to comply with legislation or particular local conditions.		
General remarks			