

## Marine & Protective Coatings

# WILKOZINC Primer 1000 HA

Code No. / Colour	Base    ESZ 7137            grey																				
Description	Hardener ESX 1570 A two component modified zinc silicate shop primer.																				
Recommended use	Best suited for automatic shop priming with outstanding properties and with wide selection of overcoating materials both organic or inorganic, excellent resistance to abrasion, heat and weathering, without problems with welding and gas cutting.																				
Certification	Certification for harmlessness of Germanischer Lloyd No. WF 0390006 HH. Certificates from Lloyd's Register, Det Norske Veritas, and Welding certificate DVS Duisburg.																				
<b><u>Product information</u></b>																					
Solids volume	abt. 28% (mixture)																				
Recommended DFT/WFT	15/55 microns																				
Theoretical coverage	abt. 18-19 m <sup>2</sup> /litre = 13,2 m <sup>2</sup> /kg at 15 microns DFT, depending on the roughness of the surface and application conditions.																				
Specific gravity	abt. 1,4 g/cm <sup>3</sup> (mixture)																				
Mixture	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"></td> <td style="text-align: center;"><b>Base</b></td> <td style="text-align: center;"><b>Hardener</b></td> </tr> <tr> <td style="padding-left: 20px;">by volume</td> <td style="text-align: center;">6</td> <td style="text-align: center;">10</td> </tr> <tr> <td style="padding-left: 20px;">by weight</td> <td style="text-align: center;">6</td> <td style="text-align: center;">4</td> </tr> </table>		<b>Base</b>	<b>Hardener</b>	by volume	6	10	by weight	6	4											
	<b>Base</b>	<b>Hardener</b>																			
by volume	6	10																			
by weight	6	4																			
Flash point	+ 14°C																				
VOC	< 780 g/litre (mixture)																				
Storage	abt. 3 months (under normal conditions)																				
<b><u>Application</u></b>																					
Pot life	24 hour(s) at 20°C																				
Method of application	By automatic painting machine or spray. Depending on the application method the paint can be thinned 0 - 20 % to a viscosity of 13 - 15 s DIN 4/20 °C. Airless spray nozzle tip 0.018", spray angle shall be chosen according to the shape of the object.																				
Tip size	0.018" (airless spray)																				
Thinner	VEE 82 (1029)																				
Drying time at 65 % relative humidity	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><b><u>Temperature</u></b></td> <td style="text-align: center;"><b><u>+ 10°C</u></b></td> <td style="text-align: center;"><b><u>+ 20°C</u></b></td> <td style="text-align: center;"><b><u>+ 30°C</u></b></td> </tr> <tr> <td style="padding-left: 20px;">Touch dry</td> <td style="text-align: center;">4 min.</td> <td style="text-align: center;">2 min.</td> <td style="text-align: center;">1 min.</td> </tr> <tr> <td style="padding-left: 20px;">Overcoatability</td> <td></td> <td style="text-align: center;">1 week</td> <td></td> </tr> <tr> <td style="padding-left: 20px;">Ready for use</td> <td></td> <td style="text-align: center;">7 days</td> <td></td> </tr> <tr> <td style="padding-left: 20px;">Remarks</td> <td colspan="3">Drying and re-coating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.</td> </tr> </table>	<b><u>Temperature</u></b>	<b><u>+ 10°C</u></b>	<b><u>+ 20°C</u></b>	<b><u>+ 30°C</u></b>	Touch dry	4 min.	2 min.	1 min.	Overcoatability		1 week		Ready for use		7 days		Remarks	Drying and re-coating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.		
<b><u>Temperature</u></b>	<b><u>+ 10°C</u></b>	<b><u>+ 20°C</u></b>	<b><u>+ 30°C</u></b>																		
Touch dry	4 min.	2 min.	1 min.																		
Overcoatability		1 week																			
Ready for use		7 days																			
Remarks	Drying and re-coating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.																				
Surface preparation	During application the temperature of the surface should be at least 3°C above the dew point of the air. Oil, grease, salts and dirt are removed by appropriate means. (ISO 12944-4). Blast Cleaning Sa 2½ - Sa 3 according to ISO 8501-1.																				
Recommended paint system	According to specification.																				
Overcoatability	Be advised by our technical department.																				
<b><u>Generals</u></b>																					
Safety precautions	<ul style="list-style-type: none"> <li>a) ensure adequate ventilation</li> <li>b) do not inhale spraymist</li> <li>c) if eyes are contaminated flush with water and ask for medical attention</li> <li>d) avoid contact with skin</li> </ul>																				
Availability	for further information refer to the safety data sheets worldwide; Minor product modifications may exist in order to comply with legislation or particular local conditions.																				
General remarks																					