

## Marine & Protective Coatings

# WILKOZINC Primer 1500

### (TEMASIL 90)

Code No. / Colour                      Base                      ESZ 1501                      greenish grey

**Description**                      Hardener                      ESZH  
 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**                      -

#### Product information

**Solids volume**                      abt. 51%  
**Recommended DFT/WFT**                      60/120 microns or 80/160 microns  
**Theoretical coverage**                      abt. 8,5 m<sup>2</sup>/litre = 4,25 m<sup>2</sup>/kg at 60 microns DFT or 6,4 m<sup>2</sup>/litre = 3,2 m<sup>2</sup>/kg at 80 microns DFT, depending on the roughness of the surface and application conditions

**Specific gravity**                      abt. 2,0 g/cm<sup>3</sup> (mixture)

<b>Mixture</b>		<b>Base</b>	<b>Hardener</b>
	<b>by volume</b>	<b>1</b>	<b>1</b>
	<b>by weight</b>		

**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).

#### Application

**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	+ 35°C
<b>Touch dry</b>		1 hrs.	30 min.	15 min
<b>Overcoatability</b>	<b>min.</b>	48 hrs./70% LF	24 hrs./70% LF	7 hrs./70% LF
<b>Remarks</b>	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.

#### Generals

**Safety precautions**

- 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**