

## TEKNOPOX PRIMER

Catalog No: 1000 – 102

Teknopox Primer is a two-pack epoxy primer suitable for use on any type of metal surface. It has perfect adhesion, anti-corrosion as well as quick drying characteristics. This product is specially recommended for steel or light alloy boats, for galvanized panels and steel and bronze parts. The corrosion resistance of this product is perfect. Because the product is non-toxic, it can be used in coating of the surfaces that are in contact with food and beverages. This product can also be used in petrochemical, automotive, ship construction and other industrial sectors.

### TECHNICAL CHARACTERISTICS

<b>Solids by volume (%)</b>	: 53 ~ 57
<b>Density (mixture) (gr/cm<sup>3</sup>)</b>	: 1,30 ~ 1,40
<b>Color</b>	: Gray, red
<b>Finish</b>	: Matt
<b>Binder</b>	: Epoxy resin
<b>Dry film thickness (μ)</b>	: 50-100
<b>Theoretical covering capacity (m<sup>2</sup>/lt)</b>	: 11,4(50μ) – 5,7(100μ)
<b>Application temperature (°C)</b>	: + 5 ~ + 35
<b>Drying time (20 °C)</b>	
<b>beginning of drying (hrs)</b>	: 2
<b>before use (hrs)</b>	: 48
<b>Overcoating time (20 °C)</b>	: Min. 6 hrs / max. 36 hrs
<b>Thinner</b>	: Max. 5 % Teknomarin Epoxy Boya Tineri (1001)
<b>Application mode</b>	: Brush, roller, spray gun
<b>Spray Equipment</b>	
<b>(Conventional)</b>	
<b>Nozzle size</b>	: 1,5 – 2 mm
<b>Nozzle pressure</b>	: 0,3-0,4 MPA( 3-4 atm,43-57 psi)
<b>(Airless)</b>	
<b>Nozzle size</b>	: 0,46mm (0,018 inch)
<b>Nozzle pressure</b>	: 15 MPA(150 At,2100 PSI)
<b>Mixing ratio (by weight)</b>	: 80 A / 20 B
<b>Pot life of the mixture (20 °C) (hrs)</b>	: 8
<b>Surface preparation</b>	: Existing paint must be removed. Surfaces in poor condition should be sandblasted or grinded. If the surface is in good state it is sanded. Aluminum, light alloy and bronze surfaces must be degreased after sanding and rinsing.
<b>Safety precautions</b>	: Flammable. Harmful by inhalation and in contact with skin. Irritating to eyes and skin. May cause sensitization by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Keep out of the reach of children. Do not breathe gas/ fumes/ vapor/ spray (appropriate wording to be specified by the

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manufacturer). Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Wear suitable protective clothing, gloves and eye/face protection. If swallowed, seek medical advice immediately and show this container or label. Use only in well-ventilated areas. Dispose of this material and its container to hazardous or special waste collection point.