

## TEKNOMARIN POLYGLOSS POLYURETHANE FINISH

Catalog No: 8000 - 106

Teknomarin Polygloss Polyurethane Finish is a two-pack, high quality finish enamel that providing a perfect gloss. This product has an excellent resistance to marine and industrial environments, to atmospheric conditions and to ultraviolet radiation. It does not become yellow and is very flexible. Teknomarin Polygloss Polyurethane Finish can be applied directly on existing Teknomarin Polyurethane Finish coat or on epoxy or polyurethane primers (Teknopox Barrier [1000-104]), Teknomarin Polyurethane Barrier [8000-103]), Teknomarin Polyurethane Finish Primer[8000-110] and Teknopox 1545 Universal Epoxy Primer[1000-110].

### TECHNICAL CHARACTERISTICS

<b>Solids by volume (%)</b>	: 56
<b>Density (mixture) (gr/cm<sup>3</sup>)</b>	: 1,25
<b>Color</b>	: Colors in the color chart
<b>Finish</b>	: Glossy
<b>Binder</b>	: Polyurethane resin
<b>Dry film thickness (μ)</b>	: 40 – 75
<b>Theoretical covering capability (m<sup>2</sup>/lt)</b>	: 11 (50μ) - 7,4 (75μ)
<b>Application temperature (°C)</b>	: + 5 ~ + 35
<b>Heat Resistance(°C)</b>	: 120
<b>Drying time (20 °C)</b>	
beginning of drying (hrs)	: 2
full drying (hrs)	: 4
<b>before use (hours)</b>	: 8
<b>Number of coats</b>	: 3
<b>Thinner</b>	: Teknomarin Polyurethane Boya Tineri (8001), by 25-30%
<b>Application mode</b>	: Brush, roller, spray gun. For brush and roller application, 8005 Brush Thinner is recommended.
<b>Spray Equipment (Conventional)</b>	
<b>Nozzle Size</b>	: 1 – 1,5 mm
<b>Nozzle Pressure</b>	: 0,3-0,4 MPA (3-4 atm,40-60 psi)
<b>(Airless)</b>	
<b>Nozzle Size</b>	: (0,013 – 0,033 inch)
<b>Nozzle Pressure</b>	:15 MPA (150 At,2100 PSI)
<b>Surface preparation</b>	: The Polyurethane finish Primer on the surface is sanded by 400/600 grade paper and prepared to Polygloss Polyurethane Finish application. The surfaces already primed with epoxy or polyurethane primers must be dry and free from oil, grease and other contaminants.
<b>Mixing ratio (by weight)</b>	: 80 A / 20 B
<b>Mixing ratio (by volume)</b>	: 3 A / 1 B
<b>Pot life of the mixture (20 °C) (hrs)</b>	: 4

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### Safety precautions

: Flammable. Harmful by inhalation. Irritating to eyes. May cause sensitisation by skin contact. Harmful 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/ vapour/ spray (appropriate wording to be specified by the manufacturer). Avoid contact with skin and eyes. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Wear suitable gloves. If swallowed, seek medical advice immediately and show this container or label. Use only in well-ventilated areas.