

## TEKNOMARIN POLYURETHANE VARNISH

Catalog No: 8000 - 120

Teknomarin Polyurethane Varnish is a two pack, clear, high gloss polyurethane varnish. Its resistance to scratch, marine and industrial environments and corrosive weather conditions are very high. It is suitable for use on both interior and exterior wooden surfaces.

### TECHNICAL CHARACTERISTICS

<b>Solids by volume (%)</b>	: 38
<b>Finish</b>	: Glossy
<b>Density (gr/cm<sup>3</sup>)</b>	: 1,05
<b>Dry film thickness (μ)</b>	: 20
<b>Theoretical covering capacity (m<sup>2</sup>/lt)</b>	: 19(20μ) – 12(30μ)
<b>Application range (°C)</b>	: + 5 ~ + 35
<b>Drying time (20 °C)</b>	
beginning of drying (hrs)	: 2-3
full drying (hrs)	: 4-6
before use (hrs)	: 8
<b>Thinner</b>	: 15-20 % Teknomarin Polyurethane Tineri (8001, 8002)
<b>Number of coats</b>	: 6-12
<b>Application mode</b>	: Spray gun(recommended), brush, roller. For brush and roller applications, Brush Thinner (8004) is used.
<b>Spray Equipment (Conventional)</b>	
Nozzle size	: 1,0 – 1,2 mm
Nozzle pressure	: 2-3 atm
<b>Surface preparation</b>	: Old wood: Strip the old varnish, sand and clean the surface of the wood by using Teknomarin Cleaning Agent. Then, apply Teknodur Polyurethane Primer. On top of Teknodur, apply 3-4 coats of Teknowood Clear Sealer. After sanding, Polyurethane Varnish is applied min. 6 coats. Between the layers, the surface is sanded with 400-600 grade sanding paper.
<b>Mixing ratio (by weight) (%)</b>	: 3 A/ 1 B
<b>Pot life of the mixture (20 °C) (hrs)</b>	: 3
<b>Safety precautions</b>	: Flammable. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness. Keep locked up and 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. Dispose of this material and its

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container to hazardous or special waste collection point.