

## TEKNOPOX EPOXY HI-BUILD

Catalog No: 1000 – 103HB

Teknopox Epoxy HI-Build is an undercoat that prepares the surface to finish paint, by protecting the primer from outer factors. This product is resistant to outer effects, acids, alkalis, oils and solvents. It is applied on Teknopox Primer and epoxy-based fillers. The product is cured even if the temperature is around 0°C. The product is sanded easily. It prepares the surface perfectly for finish primer applications. If the product is applied with pressure pot, a thick coat is obtained. The applied product functions like Spray Filler.

### TECHNICAL CHARACTERISTICS

<b>Solids by volume (%)</b>	: 70-75
<b>Density (mixture) (gr/cm<sup>3</sup>)</b>	: 1,4
<b>Color</b>	: White, gray
<b>Finish</b>	: Semi-matt
<b>Binder</b>	: Epoxy resin
<b>Dry film thickness (μ)</b>	: 100 ~ 200
<b>Theoretical covering capacity (m<sup>2</sup>/lt)</b>	: 7,5(100μ) – 3,75(200μ)
<b>Application temperature (°C)</b>	: 0 ~ + 35
<b>Drying time (25 °C)</b>	
<b>beginning of drying (hrs)</b>	: 2 ~ 4
<b>full drying (hrs)</b>	: 8
<b>before use (hrs)</b>	: 24
<b>Overcoating time (hrs)</b>	: Mini. 8 / max. 72
<b>Thinner</b>	: 5 ~ 10 % 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 – 3 mm
<b>Nozzle pressure</b>	: 0,2-0,4 MPA( 2-4 atm,28-57 psi)
<b>(Airless)</b>	
<b>Nozzle size</b>	: 0,48mm /0,53 (0,019 – 0,021 inch)
<b>Nozzle pressure</b>	: 15 MPA(150 At,2100 PSI)
<b>Surface preparation</b>	: It is applied on epoxy base primers, undercoats and fillers. The surface should be free from dirt, oil, moisture and grease.
<b>Mixing ratio (by weight)</b>	: 50 A/ 50 B
<b>Pot life of the mixture (hrs)</b>	: 8
<b>Safety precautions</b>	: Flammable. Harmful by inhalation and in contact with skin. Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Avoid contact with skin and eyes. Do not empty into drains, dispose of this material and its container at hazardous or special

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waste collection point. Wear suitable gloves and eye/face protection. If swallowed, seek medical advice immediately and show this container or label. Keep out of the reach of children. Do not breathe gas/ fumes/ vapour/ spray (appropriate wording to be specified by the manufacturer). Wear suitable protective clothing and 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 container to hazardous or special waste collection point.