

TEKNOMARIN POLYURETHANE BARRIER

Catalog No: 8000 - 103

Teknomarin Polyurethane Barrier is a two-pack polyurethane undercoat of high performance. It can be sanded very easily. This product is specially recommended as an undercoat for finishing coats. It is mainly applied on epoxy primers such as Teknopox Barrier (1000-104) or on primed surfaces and, where necessary, on surfaces already filled with Teknofiller or Teknopox Epoxy HI-Build and sanded. It can be applied on Glass-reinforced polyesters without any primer, after the surface is thoroughly sanded and cleaned. Teknomarin Polyurethane Barrier, when sanded with 400/600 grade abrasive paper, forms an excellent undercoat for polyurethane finish coats such as Teknomarin Polygloss Polyurethane Finish (8000-106) and Teknogloss (6000-115). This product is not suitable for continuous immersion.

TECHNICAL CHARACTERISTICS

Solids by volume (%)	: 50
Density (gr/cm³)	: 1,4
Color	: Light Blue
Finish	: Matt
Binder	: Polyurethane resin
Dry film thickness (μ)	: 200
Theoretical covering capacity (m²/lt)	: 5 (100μ) – 2,5 (200μ)
Application range (°C)	: + 5 ~ + 35
Drying time (20 °C)	
beginning of drying (hrs)	: 2
full drying (hrs)	: 4
before use (days)	: min.8
Number of coats	: 1 – 2
Relative humidity (%)	: 0 – 85
Thinner	: 5 – 10 % by volume Teknomarin Polyurethane Boya Tineri (8001)
Application mode	: Spray gun, brush, roller
Spray Equipment (Conventional)	
Nozzle Size	: 1,7 – 2,2 mm
Nozzle Pressure	: 3 - 3,5 atm
(Airless)	
Nozzle Size	: 0,026 – 0,031 inch
Nozzle Pressure	: 150 – 180 Atm
Surface preparation	: The primers or fillers on which Teknomarin Polyurethane Barrier will be applied must be well sanded and cleaned.
Mixing ratio (by weight) (%)	: 85 A / 15 B
Pot life of the mixture (20 °C) (hrs)	: 4-6
Safety precautions	: Highly flammable. Harmful by inhalation and in contact with skin. Irritating to skin. May cause sensitisation by inhalation. If swallowed, seek medical advice immediately and show this container or label. Keep out of the reach of children. Do not breathe gas/

FP.01.03.Rev 00

fumes/ vapour/ spray appropriate wording to be specified by the manufacturer). Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Wear suitable protective clothing and gloves. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Use only in well-ventilated areas.