

## TEKNOPOX 1545 UNIVERSAL EPOXY PRIMER

Catalog No: 1000 - 110

Teknopox 1545 Universal Epoxy Primer is a general purpose primer, produced for being used on fiberglass-reinforced-polyester, gelcoat, aluminum and metal surfaces. Also, on wooden boats, this product is applied after the application of fiberglass-epoxy resin (Teknomarin ERA-4000). This product is also used on old epoxy coated surfaces as a primer before the application of polyurethane paints.

### TECHNICAL CHARACTERISTICS

|   |  |
|---|--|
| <b>Solids by volume (%)</b>                             | : 50   |
| <b>Density (mixture) (gr/cm<sup>3</sup>)</b>            | : 1,3  |
| <b>Color</b>  | : Gray, white, siyah   |
| <b>Finish</b>   | : Matt   |
| <b>Flash point (°C)</b>                                 | : 21   |
| <b>Binder</b>   | : Epoxy resin  |
| <b>Dry film thickness (μ)</b>                           | : 50-100   |
| <b>Theoretical covering capacity (m<sup>2</sup>/lt)</b> | : 10 (50μ) – 5(100μ)   |
| <b>Practical covering capacity (m<sup>2</sup>/lt)</b>   | : 7  |
| <b>Application temperature (°C)</b>                     | : + 5 ~ + 35   |
| <b>Drying time (20 °C)</b>                              |  |
| beginning of drying (hrs)                               | : 2  |
| before use (hrs)  | : min. 8   |
| <b>Overcoating time (20 °C) (hrs)</b>                   | : min. 8   |
| <b>Thinner</b>  | : Teknopox Epoxy Boya Tineri (1001).   |
| <b>Application mode</b>                                 | : Brush, roller, spray gun   |
| <b>Spray Equipment</b>                                  |  |
| <b>(Conventional)</b>                                   |  |
| <b>Nozzle size</b>                                      | : 1,4 – 1,8 mm   |
| <b>Nozzle pressure</b>                                  | : 3 – 4 atm  |
| <b>(Airless)</b>  |  |
| <b>Nozzle size</b>                                      | : 0,46mm / (0,018 inch)  |
| <b>Nozzle pressure</b>                                  | : 140 – 160 atm (2100 PSI)   |
| <b>Surface preparation</b>                              | : The surface on which this product will be applied must be free from oil, grease, dirt, rust and moisture. Steel surfaces must be sanded. Gelcoat surfaces must be cleaned first with acetone and than the product should be applied. This product is reliably used after epoxy fiber application. It can be successfully used as a good primer after the application of epoxy filler Teknofiller Spray (1000-151). Teknopox 1545 Universal Epoxy Primer is also reliably used as a primer for polyurethane Teknopol Finish (8000-106). |
| <b>Mixing ratio (by weight)</b>                         | : 80 A / 20 A  |

FP.01.03.Rev 00

## Safety precautions

: Highly flammable. Irritating to eyes and skin. May cause sensitisation by skin contact. Harmful by inhalation and in contact with skin. Irritating to respiratory system and skin. Risk of serious damage to eyes. 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/ 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. If swallowed, seek medical advice immediately and show this container or label. Use only in well-ventilated areas. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection.