

## Light metal boats Painting instructions



## 1. Painting untreated light metal surfaces

### Washing

Remove grease and dirt with e.g. RENSA STEEL washing agent and rinse the surface thoroughly with clean fresh water.

### Surface preparation

Light blast-cleaning with e.g. natural sand or by sanding.

### 1.1 PAINTING THE SHIP BOTTOM

#### Painting

**TEKNOPLAST PRIMER 5**

**3 x 80 µm**

Application is performed in a way that the recommended dry film thickness is achieved and the paint coat is uniform and dense.

#### Antifouling paint

If needed use antifouling paint.

Film thickness by manufacturer's recommendations.

**Note!** Antifouling paint's suitability to aluminium surface needs to be checked before painting. The antifouling paint needs to be compatible with the epoxy primer.

### 1.2 PAINTING THE SIDES ABOVE THE WATERLINE, THE DECK AND THE SUPERSTRUCTURE

#### Priming

**TEKNOPLAST PRIMER 5**

**1 x 60 µm**

#### Top coating

**TEKNODUR 0190**

**2 x 40 µm**

If needed sand the top coat between layers with sandpaper no. 280–320.

## 2. Maintenance painting

### Washing

Remove slime, vegetation and dirt with high pressure washing, brushing and scraping. Wash surfaces with RENSA STEEL washing agent and rinse thoroughly with clean fresh water.

### Surface preparation

Remove loose old paint e.g. by scraping. Sand the surfaces. Remaining paint and fringe areas of the bottom are feathered by sanding.

### 2.1 PAINTING THE SHIP BOTTOM

#### Touch up painting of damaged parts

**TEKNOPLAST PRIMER 5**

**3 x 80 µm**

First application by brushing.

#### Antifouling paint

If needed use antifouling paint.

Film thickness by manufacturer's recommendations.

**Note!** Antifouling paint's suitability to aluminium surface needs to be checked before painting. The antifouling paint needs to be compatible with the epoxy primer.

### 2.2 PAINTING THE SIDES ABOVE THE WATERLINE, THE DECK AND THE SUPERSTRUCTURE

#### Touch up painting of damaged parts

**TEKNOPLAST PRIMER 5**

**1 x 60 µm** By brushing

#### Top coating

**TEKNODUR 0190**

**2 x 40 µm**

**Note!** Recommended film thickness is usually reached only by airless spraying. When applied by brush or conventional spray additional coats might be needed.

TEKNODUR 0190 can be tinted with Teknos' tinting systems.

When the object is required to have excellent gloss and colour retention, it's recommended to use TEKNODUR 0290 Polyurethane Varnish as a top coat.

More information about the painting work can be found from the technical data sheets of the paints from Teknos Group's website [www.teknos.com](http://www.teknos.com).