

**CHARACTERISTICS**

Polyurethane topcoat in tinting system, two component: component I symbol 7669-094-00X (base) component II symbol 7669-094-000 (hardener). High decorative, good adhesive to substrate, tough, elastic. Resistant to weathering, sun radiation, sanitary, fresh and sea water, salt and alkali solutions, thinned acid solutions, oil, fuel oil, diesel and some thinners (gasoline, xylene). Coating in white colors shows a reflectivity of solar radiation above 70%.

**PRODUCT USE****After tinting for final painting of:**

- areas of ships above the waterline,
- constructions exploited in industrial and heavy duty environment,
- bridges construction.

**PROPERTIES**

Density (approx.), g/cm <sup>3</sup>	1,2
Flash point, °C	23
Typical dry film thickness, µm	50
Typical wet film thickness, µm	90
Theoretical coverage at 50 µm, dm <sup>3</sup> /m <sup>2</sup>	0,09
Volume solids (about), % vol.	56
Recommended number of layers	1 - 3
Volatile Organic Compounds, g/dm <sup>3</sup>	400

Given data may vary slightly for different colors as well as due to normal manufacturing tolerances.

**COLOUR**

The paint is included in the TEKNOMIX tinting system (tinting group POL).

**SURFACE PREPARATION**

- Coating of epoxy paint (for example EPINOX, EPIRUSTIX) dry, salt-, dust- and grease-free.
- Before cleaning of surfaces it is recommended to wash all surface with water with addition of OLICLEAN 123, and next rinse with clean water.

**PAINT PREPARATION**

Stir thoroughly component I, mix with component II according to the following proportions:

	by weight	by volume
I component	100	100
II component	20	22

After 15 minutes (in 20°C) paint is ready to use.

Pot life (in 20°C) - 2 h

**APPLICATION METHODS**

Airless spray, brush, roller, after diluting – air spray.

When using a brush, roller or air spray it may be necessary to apply several layers to achieve recommended coating thickness. Airless spray parameter :

Nozzle size	0,33 - 0,43 mm
Nozzle pressure	10 - 15 MPa

**THINNER**

Not recommended. When necessary (for example – thickening product) use Thinner 433 (see Technical Information).

For cleaning tools: Thinner 433. Wash spray equipment with Thinner 433 before painting.

**APPLICATION CONDITIONS****Application and curing conditions:**

- minimum surface temperature: -5°C (surface frost- and ice-free) and at least 3 °C higher than dew point,
- relative air humidity below 80%,
- good ventilation.

**Drying time (in 20°C):**

- dust dry - 3 h,
- touch dry - 8 h,

**Over-coating intervals:**

temperature	20°C	10°C
minimum	8 hours	16 hours
maximum	unlimited	

Given times relate to the recommended coating thickness, drying in good ventilation conditions. These times may change with a change of temperature, ventilation, number of layers and the thickness of the coating.

**Full curing:**

Temperature	20°C	10°C
days	7	14

**ADDITIONAL INFORMATION**

Depending on destination and type of construction, other thickness of a single layer can be assumed than recommended in information. Typical coating thickness range using airless spray is from 40 to 60 µm. Changing the thickness of the coating changes the theoretical consumption, wet film thickness, weight of dry coating, drying time, time of recoating and finishing work.

In case of colours from group 3000, 2000 and some from group 1000 and 9000 we recommend application at least 2 layers each with proper film thickness or usage specific colour of primer coating.

**SHELF LIFE**

The storage stability is shown on the label. Store in cool place and tightly closed can.

**CAUTION!**

During application and drying of the coating flammable and health threatening substances are emitted. It is important to avoid inhaling the fumes of the product and contact with the eyes and skin. Use only in well ventilated rooms. Detailed information on dangerous substances contained in the products and threats connected with them are included in the specification cards of the dangerous substances, which we make available at the Customers' request.

*The information of this data sheet is normative, based on laboratory tests and our experience. It is available for our Customers' convenience. We accept however, no liability for the actual application work, as this is to great extend dependent on the conditions during handling and application. We accept no liability for any damage from misapplication of the product. The technical terms in the instruction are explained at the beginning of the catalogue. We reserve the right to include changes in the instruction without prior notice.*