

## TECHNICAL DATA SHEET

**Item number:** 0502-300-XXX0

**Product name:** ALMALUX

### ALMALUX

**Product description:** Modified, quick-drying, solvent-borne, air-drying alkyd enamel for general use. High gloss coating, with good adhesion to the substrate, flexible, resistant to weather conditions and changing temperatures. Offered in a wide range of colors.

**CERTIFICATE** of the Medical University of Gdańsk issued by the Division of Environmental Toxicology - hygienic certificate No. 412/322/421/2017.

National Technical Assessment issued by the Road and Bridge Research Institute in Warsaw No IBDIM-KOT-2020-0610/ 1<sup>st</sup> edition.

#### RECOMMENDED USE

As a topcoat on:

- structures utilized in maritime, industrial and urban environments
- metal and cast iron elements of agricultural and construction machines
- railings, fences and other metal constructions
- waste disposal bins

#### TECHNICAL PROPERTIES

• Density (approximately), kg/dm <sup>3</sup>	1,1
• Recommended film thickness per one coat /layer, µm.	35 / 70
• Drying time (at 20°C): 1 degree (dust free), min	20
3 degree (dry-to-touch), min	40
• Theoretical coverage at 35 µm film thickness dm <sup>3</sup> /m <sup>2</sup>	0,07
• Solids content (±2), % by volume	50
• VOC in a ready-to-use product, g/l (depending on color)	420-475
• Recommended number of layers	1-2

**COATING GLOSS:** gloss

**COLOR:** wide range of colors

## PRODUCT APPLICATION

Preparation of the paint - stir paint thoroughly  
(if a skim is created on the surface of the paint it should be removed)

### Application methods:

- airless spray: Ø0.28-0.33; material pressure 150 ÷ 200 bar air shield 2 bar
- brush
- pneumatic spraying (after dilution to a viscosity of approx. 45-65 s according to DINØ4 cup)
  - nozzle 1.3 ÷ 1.5 mm, pressure 2-4 bar, distance 15-20 cm

**Thinner:** item number 8002

Amount of thinner 0-6% by volume

## APPLICATION

**Substrate** - ALMAKOR paint coatings without traces of corrosion, dry, free of grease and dust.

### Re-coat time at 20±2°C:

Spray, brush - it is recommended to apply within 1-5 hours after the application of the previous layer.

## ADDITIONAL INFORMATION

The minimum thickness of the set of ALMAKOR COMBI and ALMALUX must not be less than 120µm to ensure the C3 corrosivity class and L durability of the steel substrate.

### Painting conditions

- minimal surface temperature should be above the dew point (omitting condensation)
- good ventilation



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**SHELF LIFE:** 12 months from the production date in original unsealed container.

The above information cannot be considered complete or comprehensive. This information is based on laboratory research and practical experience and is to the best of our knowledge. As a manufacturer, we are not able to monitor the conditions in which the product is used, as well as many factors affecting the final effect of its use. We are not responsible for any damage caused by using the product in a manner inconsistent with the recommendations or for inappropriate purposes. We reserve the right to change the instructions without prior notice.

*Updating 01.2021*

**ATTENTION!** This product is designed for professional use in the given industry. Detailed information regarding product safety can be found in the MSDS.