

## TECHNICAL DATA SHEET

**Item number:** 0502-121-XXXX – sparkling version  
0502-124-XXXX – fine, sparkling version

**Product name:** ALMAPUR ART

## ALMAPUR ART

**Description:** Two-component anti-corrosion polyurethane top-coat with interesting visual effect. It is high-quality, non-chalking decorative coating with superb resistance to: UV, weather conditions and abrasion. It exhibits very good color retention as well as chemical resistance. It is recommended as a top coat for epoxy and polyurethane systems. ALMAPUR ART can be used as individual coat on steel, galvanized steel and aluminum.

### RECOMMENDED USE

Recommended for finish coating of wrought furniture, gates, fences, rods, wire meshes, lightening equipment, advertising banners, decorative finishes in the industry, modern architectural elements, openwork garden structures, metal elements – wherever mechanical, chemical and weather resistance is required.

### ADVANTAGES

- ▲ superb anti-corrosion resistance
- ▲ superb color retention
- ▲ high scratch resistance – good mechanical resistance
- ▲ very good decorative effect – no yellowing, no chalking – beautiful sparkling effect
- ▲ resistant to oil and weak chemical splashes

### TECHNICAL PROPERTIES

• Density, ( $\pm 0,1$ ) kg/dm <sup>3</sup>	1,3
• Recommended film thickness per one coat, dry/wet, $\mu\text{m}$ .	80/130
• Dry time (20 °C): 1 degree (tack-free), min	30
• 3 degree (dry-to-touch), min	60
• Pot life at 20 °C, h	8
• Full cure at 20 °C, days	5
• Theoretical coverage at film thickness 80 $\mu\text{m}$ dm <sup>3</sup> /m <sup>2</sup>	0,13
• Solids ( $\pm 2$ ), % by volume	60
• VOC in a ready-to-use product, g/l	495
• Recommended number of coats	1

**GLOSS:** eggshell

**COLOR sparkling metallic:** brown green dark blue silver gold graphite black

## PRODUCT APPLICATION

**PREPARATION OF MIXTURE** – precisely mix part I with part II – (Part II item number – 0504-100-0000) in the following ratio:

	by volume	by weight:
△ part I	14	17
△ part II	1	1

Amount of thinner 8010: 0-3% by volume.

After 10 minutes (in 20°) the product is ready-to-use.

### Application methods:

- brush
- roller
- conventional sprayer

## APPLICATION

**Surface** – the higher degree of surface cleanliness the longer period of paint durability. The coating achieves the highest chemical and mechanical resistance when applied directly on steel that was sand-blasted or shot-blasted to at least Sa 2 ½ \* cleanliness degree.

- Steel surface must be dry, free from any contaminants, degreased – cleaned to at least **Sa 2\*** cleanliness degree for immersed surfaces or at least **St 3\*** cleanliness degree for exterior surfaces.
- Remove zinc corrosion products (white rust) from the surface of weathered galvanized steel. Clean the surface with hot water, water jet, steam, power blast or thoroughly using manual mechanical equipment.

### Painting and curing conditions

- surface temperature above 5°C (free from ice and frost)
- surface temperature above dew point (omitting condensation)
- relative humidity up to 80%
- good ventilation

**SHELF LIFE:** 7 months from the production date in original unsealed container.

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