

## TECHNICAL DATA SHEET

**Item number:** 0502-200-XXX0

**Product name:** ALMADUR TOPCOAT 5+2

## ALMADUR TOPCOAT

**Description:** Epoxy topcoat with very good mechanical parameters. Used as a topcoat in epoxy systems utilized in aggressive corrosion environments. Recommended as a final coat on steel structures as well as concrete interior surfaces. The influence of weather conditions can be observed by chalking, however, it does not affect the anti-corrosion properties of the product.

### ADVANTAGES

- ▲ very good mechanical parameters enamel
- ▲ provides decorative effect
- ▲ good adhesion, hard and flexible
- ▲ resistant to water, sewage, salt and lye solutions, petroleum products

### RECOMMENDED USE

- ▲ painting not-primed concrete surfaces that were properly preserved – concrete floors in garages, workshops
- ▲ painting surfaces primed with epoxies: steel structures, cast iron, aluminum, galvanized steel: all utilized in maritime, marine, industrial, urban and rural environments

### TECHNICAL PROPERTIES

• Density, ( $\pm 2$ ) kg/dm <sup>3</sup>	1,3
• Recommended film thickness per one coat, dry/wet, $\mu\text{m}$ .	60/110
• Dry time (20 °C): 1 degree (tack-free), h	2
3 degree (dry-to-touch),h	8
• Pot life at 20 °C, h	10
• Full cure at 20°C, days	7
• Theoretical coverage at film thickness 60 $\mu\text{m}$ dm <sup>3</sup> /m <sup>2</sup>	0,1
• Non-volatile substances ( $\pm 2$ ), % by volume	55
• VOC in a ready-to-use product, g/l	420
• Recommended number of coats	1-3

**GLOSS:** high gloss

**COLOR:** colors consistent with RAL color palette or according to individual client's sample

## PRODUCT APPLICATION

**PREPARATION OF MIXTURE** – precisely mix part I with part II – (Part II item number – 0504-500-020)

in the following ratio: by volume

- part I 5
- part II 2
- Thinner number 8040: 0-2% by volume

After 15 minutes (in 20°C) the product is ready-to-use

## APPLICATION TOOLS

- ✦ airless sprayer:  $\varnothing$ 0,43-0,53 mm; 15-18 MPa
- ✦ brush

## APPLICATION

**Surface-** A dry coating of epoxy primer – free from corrosion, salt, grease, oil, dust and other contaminants.

## Following coatings re-coat time:

the shortest/the longest  
at 20°C - 10 h / 1 month

## Painting and curing conditions

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

**SHELF LIFE:** 9 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.