

TECHNICAL DATA SHEET

Item number: 0503-700-0795

Product name: ALMADUR ZINC

ALMADUR ZINC

Description: Highly pigmented with zinc dusts - anti-corrosive primer. It is fast-drying, high-build, mechanically resistant with good surface adhesion. Resistant to corrosive agents present in industrial and maritime environments as well as temporal temperatures reaching 160°C.

RECOMMENDED USE

- anti-corrosion protection for chemical and petrochemical industry

TECHNICAL PROPERTIES

• Density, (approx) kg/dm ³	2,7
• Recommended film thickness per one coat, dry/wet, µm.	80/150
• Dry time (20 °C): 1 degree (tack-free), min	20
3 degree (dry-to-touch),h	1
• Pot life at 20 °C, h	8
• Full cure at 20°C, days	7
• Theoretical coverage at film thickness 80 µm dm ³ /m ²	0,17
• Solvents (±2), % by weight	18
• Solids (±2), % by volume	68
• VOC in a ready-to-use product, g/l	470
• Recommended number of coats	1-2

GLOSS: eggshell

COLOR: 0795 gray-metallic

FOLLOWING COATS

Anti-corrosion coats or topcoats: ALMA-COLOR epoxies or polyurethanes except products hardened with acids. Surface painted with ALMADUR ZINC that was exposed for a longer time should be cleaned from white dust (zinc corrosion product) and other contaminants before topcoating.

PRODUCT APPLICATION

PREPARATION OF MIXTURE – precisely mix part I with part II – (Part II item number – 0504-470-020)

in the following ratio:

	by volume	by weight
--	-----------	-----------

- part I 100 100
- part II 12 3,6
- Thinner number 8040: 0-3% by volume

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

APPLICATION TOOLS

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

During application the paint should be stirred in order to avoid metallic pigment sedimentation. It is recommended to filter the ready-to-use product through a 900 mesh/cm²

APPLICATION*

Surface- the higher degree of surface cleanness the longer period of paint durability. The paint 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 * cleanness degree.

Following coatings re-coat time:

the shortest/the longest

2 h / without limitation

** Re-coat time should be as short as possible in order to avoid surface contamination

Painting and curing conditions

- paint and allow to cure in temperature above 10°C
- surface temperature above dew point (omitting condensation)
- relative humidity up to 85%
- good ventilation

ADDITIONAL INFORMATION

Depending from the type of use and surface a different coat thickness may be applied. Airless spraying typically requires a single-coat thickness of 60 – 90 µm. A change of coat thickness will change the technical properties of the product as well as coating readiness for utilization.

SHELF LIFE: 6 months from the production date in original unsealed container.

*PN-ISO 8501-1: 1996

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