



# ZOTA EPON PRIMER 101

## Technical Data Sheet

### DESCRIPTION :

ZOTA EPON PRIMER 101 is a two-pack epoxy primer cured by polyamide.  
An economical primer, has very good chemical- and corrosion- resistance.

### SPECIFICATION DATA :

Genetic type : Epoxy coating

Gloss : Matt

Density : 1.25 +/- 0.05 ( Mixed A and B )

Flash point : 23 +/- 2 C Setaflash

Volume solids : 48 +/- 2%

Adhesion: Excellent on correctly prepared surfaces

Chemical resistance: The fully cured coating offers outstanding resistance to aqueous solutions and a wide range of industrial chemicals, fat, crude oils, mild acids, etc..

Abration resistance : Good resistance to abrasion and mechanical damage

Weathering: It is always used as a base coat in conjunction with ZOTA EPON FINISH 103 or ZOTA PU FINISH

Not recommended for direct exposure to sunlight

Temperature: Dry service temperature range up to 120°C

### COLORS:

Grey, Reddish brown

### RECOMMENDED USE :

#### Surface preparation:

- \* All surfaces must be dry and clean
- \* The surface to be painted should be abrasive blasted to minimum SA-2.5 Swedish Standard.  
For optimum performance, abrasive blasting in accordance to SA -3.0
- \* Substrate temperature may not exceed 50°C.

#### Recommended no.of coats :

- \* 1-2 coats

#### Typical Dry Film Thickness :

- \* 40 microns equivalent to 83 microns wet

#### Theoretical Coverage :

- \* 12 m<sup>2</sup> / Ltr

#### Thinner or Cleaner :

ZOTA-THINNER 803

## DRYING TIMES:

Temperature	Touch dry	Hard dry	Overcoating	Final Cure
24 <sup>0</sup> C	3 Hours	10 Hours	10 Hours	8 Days
32 <sup>0</sup> C	2 Hours	6 Hours	6 Hours	4 Days

Pot Life: 6 Hours at 25<sup>0</sup>C

## APPLICATION DATA:

### Method of Application :

- \* Conventional : Suitable
- \* Brush or Roller : Suitable for small area. Care must be taken to achieve the specified dry film thickness
- \* Airless spray : Recommended

### Mixing ratio :

- \* Use mechanical agitation for proper mixing. Mixing 30 minutes before use.
- \* 3 volume part A to 1 Volume part B of ZOTA EPON PRIMER 101 .
- \* Stir the content of the base component, continue stirring and gradually add the total content of the hardener component, continue stirring until a homogeneous mix is obtained.

Thinner : ZOTA Thinner 803

Cleaning solvent: ZOTA Thinner 803

## PACKAGING :

- \* 12 Liters of part A in 20 litres container.                      3 Liters of part A in 5 liters container .
- \* 4 Liters of part B in 5 liters container .                      1 Liter of part B in 1 liter container .

## HEALTH AND SAFETY:

Please observe the precautionary notices displayed on the container.

Keep out reach of children .

Use under well ventilated conditions.

Wear a mask, goggles and protective equipment during the construction.

Do not inhale spray mist.

Avoid eyes and skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap water and medical attention sought immediately.

**STORAGE :**                      Store in cool and dry places .