



ZOTA PAINT

ZOTA EPON FINISH 103

Technical Data Sheet

DESCRIPTION :

ZOTA EPON FINISH 103 is a two-pack epoxy topcoat based on a high molecular weight epoxy resin. Application as finishing coat in epoxy systems for steel and concrete structures exposed to atmospheric land or marine conditions, equipment in chemical and other factories where epoxy paints are specified.

SPECIFICATION DATA :

Genetic type : Epoxy coating.

Gloss : Semi gloss

Flash point : 23 +/- 2 °C .

Volume solids : 50 +/- 2 % depending on colour .

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

Not recommended for direct exposure to sunlight.

Temperature: Dry service temperature range up to 120°C. Suitable for 150°C with aluminium pigment

COLORS:

According to colour card

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
- * Primer should be used : - For steel: ZOTA Epon W-Primer 99 or ZOTA Epon Primer 101
- For concrete: ZOTA EPON CLEAR 100
- * Substrate temperature may not exceed 50°C.

Recommended no.of coats :

- * 1-2 coats

Typical Dry Film Thickness :

- * 40 microns equivalent to 80 microns wet

Theoretical Coverage :

- * 12.5 m² / Ltr

DRYING TIMES:

Drying times :

Temperature	Touch dry	Hard dry	Overcoating	Final Cure
24°C	2 Hours	10 Hours	10 Hours	8 Days
32°C	1 Hours	6 Hours	6 Hours	4 Days

Pot Life : 3 Hours at 25°C

APPLICATION:

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 :

- * 3 volume part A to 1 Volume part B of ZOTA EPON FINISH 103
- * 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 liters 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 .