



ZOTA EPON CLEAR 100

Technical Data Sheet

DESCRIPTION :

ZOTA EPON CLEAR 100 is a two-pack epoxy varnish cured by polyamide.

Application as a sealer on concrete masonry and can also be applied as a transparent topcoat to preserve the original color of the substrate and prevent dust accumulation.

SPECIFICATION DATA :

Genetic type : Epoxy coating

Gloss : Matt

Density : 1.00 +/- 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

Not recommended for direct exposure to sunlight

Temperature: Dry service temperature range up to 100°C

COLORS:

Transparent

RECOMMENDED USE :

Surface preparation:

- * All surfaces must be dry and clean
- * For concrete: Etching with acid, washing with water. Moisture of concrete should be 6 - 8%.
- * Substrate temperature may not exceed 50°C.

Recommended no.of coats :

- * 1 coat

Typical Dry Film Thickness :

- * 40 microns equivalent to 83 microns wet

Theoretical Coverage :

- * 12 m² / Ltr

Thinner or Cleaner : ZOTA-THINNER 803

DRYING TIMES:

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

Pot Life: 6 Hours at 25⁰C

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.
- * 4 volume part A to 1 Volume part B of ZOTA EPON CLEAR 100
- * 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 :

- * 16 Liters of part A in 20 litres container. 4 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 .