



ZOTA EPON HB 102

Technical Data Sheet

DESCRIPTION :

ZOTA EPON H B 102 is a two-pack high build epoxy coating. Can be used with and without primer and top coat. Application as a middle coat in general purpose epoxy coating in epoxy systems for steel, concrete, tank, structural steel, equipments in chemical and other factories.

It is suitable for protection of steel of ships, bridge.

SPECIFICATION DATA :

| | |
|-----------------|----------------------------------|
| Genetic type : | Epoxy coating |
| Gloss : | Matt |
| Density : | 1.25 - +/- 0.05 (mixed A and B) |
| Flash point : | 23 +/- 2 o C (Setaflash) |
| Volume solids : | 50 +/- 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

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 number of coats :

- * 1-2 coats

Typical Dry Film Thickness :

- * 75 microns equivalent to 150 microns wet

Theoretical Coverage :

- * 12 m² / Ltr

DRYING TIMES:

Drying times :

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

Pot Life : 6 Hours at 25°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 HB 102
- * 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 .