

## TECHNICAL DATA SHEET

### BA09 EPOTAN HS PRIMER

#### DESCRIPTION

**Product Description** Two component, high volume solids, matt epoxy paint which dries fast at low temperatures. It contains zinc phosphate as anticorrosive pigment. It is used as a primer or intermediate coat for protection of steel structures where high film build and short drying time are preferred.

**Intended Use**

- Can be used as an anticorrosive primer and/or mid coat for protection of steel in corrosive atmospheres.

**Characteristic Properties**

- High film build
- High durability against corrosion
- Short handling time

#### PRODUCT PROPERTIES

**Color** Grey

**Gloss Level** Matt

**Mixing Ratio** Material is supplied in two containers as a unit.  
Base (Comp A) = BA09 : 6.5 by volume  
Hardener (Comp B) = BB09Z006 : 1 by volume  
Thinner = TB0069 / TB0065 : 0-10 % by volume (depends on app. condition)

**Solids (by volume)** 78-82 % (ISO 3233-1)

**Suggested Thickness** 125±10 microns dry film

**Theoretical Coverage** Approximately 6.4 m<sup>2</sup>/L (125 microns dry film)

The practical coverage depends on the factors, such as shape of the construction, roughness of the substrate, method and conditions of application. A guideline for spraying is:

Large areas: Approx. 70% of the theoretical coverage.  
Small areas: Approx. 50% of the theoretical coverage.

**Application Method** Airless spray / Conventional spray

**Pot Life, 20°C** 2 hours after the mixture is prepared.

#### STORAGE AND SAFETY INFORMATION

**Storage** Store in a well ventilated and dry conditions at temperatures between 10 - 40°C. The packaging should not be exposed to direct sunlight. The shelf lives of the products (base and hardener) are at least 12 months in unbroken original package, under mentioned storage conditions.

**Warnings** See label for precautions. The user of this product is required to comply with the national statutory regulations for health, safety during transportation and at work and waste disposal. See the MSDS for detailed information.

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#### APPLICATION INFORMATION

##### Surface Preparation

Performance of this product depends upon the degree of surface preparation.

- All surfaces to be coated should be completely clean, dry and free from contamination. (SSPC SP-1).
- Minimum ISO 8501-1: 2007 Sa2<sup>1/2</sup> or SSPC SP-10 / Nace No:2 cleaning grade is recommended using abrasive media suitable to achieve a sharp and angular surface profile.
- All irregularities, burrs, slivers, slag and spatter on welds, sharp edges and corners shall conform to minimum grade P2 (ISO 8501-3).

##### Application Conditions

Ambient temperature shall be above 5°C and relative humidity shall be below 85%. Surface temperature shall be a minimum of 3°C above the dew point. Adequate ventilation shall be provided in confined spaces to ensure proper drying. Ideal application temperature is 5°C - 40°C at 65% RH.

##### Product Preparation

Material is supplied in two containers as a unit.

Base (Comp. A) = BA09

Hardener (Comp. B) = BB09Z006

-Stir Base part with power agitator well before mixing. Then mix in a right proportion Base (Comp. A) with Hardener (Comp B), stir thoroughly with power agitator.

6.5 parts of Comp. A (BA09) to 1 part Comp. B (BB09Z006) (by volume)

##### Application Method, 20°C

| Equipment       | Airless Spray        | Conventional Spray |
|-----------------|----------------------|--------------------|
| Thinner         | TB0069 / TB0065      | TB0069 / TB0065    |
| Dilution        | 0-10 % by volume     | 0-10 % by volume   |
| Nozzle Pressure | Not less than 15 MPa | -                  |
| Nozzle Size     | 0.015 - 0.021"       | -                  |

##### Drying Time, %65 RH (for 125 microns DFT)

| Surface Temperature           | 5°C       | 10°C      | 20°C    | 40°C    |
|-------------------------------|-----------|-----------|---------|---------|
| Touch Dry                     | 4.5 hours | 3.5 hours | 2 hours | 1 hours |
| Hard Dry                      | 11 hours  | 6 hours   | 3 hours | 2 hours |
| Overcoating Interval, Minimum | 11 hours  | 6 hours   | 3 hours | 2 hours |

##### Packaging

|                     | Volume (litres) | Size of containers (litres) |
|---------------------|-----------------|-----------------------------|
| Base (Comp A) =     | 17.35           | 25                          |
| Hardener (Comp B) = | 2.65            | 5                           |

The effectiveness of our systems is based on many years' practical experience and laboratory research. We guarantee that the quality of the work performed in accordance with our systems meets the Kansai Altan standards, provided that our instructions are followed carefully and the work is performed in accordance with the requirements as to good craftsmanship. We decline any responsibility, if the final result is affected by factors beyond our control. The customer has to determine the suitability of the delivered products for the intended application by using the means which normally are at his/her disposal.

Issue Date : 21/07/2017 (It is the user's responsibility to check that this sheet is up to date)

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