

TECHNICAL DATA SHEET**BA12
KEMİPOKS PHOSPHATE FILLER****DESCRIPTION**

Product Description	Epoxy–Polyamide based, two component protective primer which containing anticorrosive pigment.
Intended Use	Rust preventing primer for long-life protection of steel surfaces at moderately to severely corrosive environment.
Characteristic Properties	<ul style="list-style-type: none">• Excellent adhesion on steel surfaces• High corrosion resistance• Good filling property

PRODUCT PROPERTIES

Color	Yellow, Light ivory, Grey, Black
Gloss Level	Matt
Mixing Ratio	Material is supplied in two containers as a unit. Base (Comp. A) = BA12 : 7 by weight (4 by volume) Hardener (Comp. B) = BB01Z005 : 1 by weight (1 by volume)
Solids (by volume)	47 ± 3 %
Suggested Thickness	70 ± 20 microns dry film (~ 149 ± 43 microns wet film)
Theoretical Coverage	Approximately 4.5 m ² / kg (70 microns dry film thickness) Approximately 6.5 m ² / l (70 microns dry film thickness) 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	Spray
Pot Life, 20°C	8 hours after the mixture is prepared (higher temperatures reduce the time).
Drying Conditions, %65 RH	Thorough Dry : 48 hours / 20°C : 45 minutes / 80°C
VOC (volatile organic compound)	472 g/l

STORAGE and SAFETY INFORMATION

Storage	Store in a well ventilated and dry conditions at temperatures between 5 - 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.

- Remove salts and other water soluble contaminants by fresh water.
- Remove oil and grease with suitable detergents or solvents (SSPC SP-1).
- Remove rust, mill scale and other loose material completely by abrasive blasting (ISO 8501-1: 2007 Sa2^{1/2} or SSPC SP-10) or power tool cleaning (ISO 8501-1 St 3 or SSPC SP-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.

Product Preparation

Material is supplied in two containers as a unit.

Base (Comp. A) = BA12

Hardener (Comp. B) = BB01Z005

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

7 parts of Comp. A (BA12) to 1 part Comp. B (BB01Z005) (by weight)

4 parts of Comp. A (BA12) to 1 part Comp. B (BB01Z005) (by volume)

Application Method, 20°C

Equipment	Air Spray	Airless Spray	Brush & Roller
	Recommended Conventional spray gun	Suitable	Suitable
Thinner	TB0065 / TB0060	TB0065 / TB0060	TB0065 / TB0060
Dilution	12-16% by weight	6-10% by weight	2-5% by weight
Viscosity	20 ± 2 sec. / DIN CUP 4	30 ± 4 sec. / DIN CUP 4	40 ± 5 sec. / DIN CUP 4
Pressure	Air pressure: 3-5 bars	—	—
Nozzle	Diameter: 1.8 - 2.0 mm	—	—

Drying Time, %65 RH (for 70 microns dft)

Temperature	5°C	15°C	25°C	35°C
Touch Dry	4 hours	2 hours	1 hour	40 minutes
Hard Dry	14 hours	8 hours	3.5 hours	1.5 hours

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 disposal.

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(It is the user's responsibility to check that this sheet is up to date)

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