
TECHNICAL DATA SHEET

**BA280
EPOTAN CUI PRIMER**

DESCRIPTION

Product Description	Two component, semi gloss, heat resistant paint based on phenolic epoxy for preventing CUI (Corrosion Under Insulation)
Intended Use	An insulated and non insulated steel structure for high temperature surfaces
Characteristic Properties	<ul style="list-style-type: none">• Excellent heat resistance up to 200°C• Suitable for insulated and non insulated surface• Excellent resistance to water and sea water• Tough and high abrasion resistance

PRODUCT PROPERTIES

Color	Gray
Gloss Level	Semi-gloss
Mixing Ratio	Material is supplied in two containers as a unit. Base (Comp A) = BA280 : 6 by volume (9 by weight) Hardener (Comp B) = BB280Z001 : 1 by volume (1 by weight) Thinner = TB00050 : 5-15 % by volume (depends on application condition)
Solids (by volume)	61-65 %
Suggested Thickness	100-200 microns dry film
Theoretical Coverage	Approximately 4.2 m ² /L (150 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, roller, brush (for stripe coating)
Pot Life	8 hours after the mixture is prepared. (Higher temperatures reduce the time).

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. (SSPC SP-1).
- Minimum ISO 8501-1: 2007 Sa2^{1/2} 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.

Product Preparation

Material is supplied in two containers as a unit.
Base (Comp. A) = BA280
Hardener (Comp. B) = BB280Z001

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 parts of Comp. A (BA280) to 1 part Comp. B (BB280Z001) (by volume)

Application Method, 20°C

Equipment	Airless Spray	Conventional Spray	Roller/Brush
Thinner	TB00050	TB00050	TB00050
Dilution	5-10 % by volume	5-15 % by volume	0-5 % by volume
Nozzle Pressure	More than 10 MPa	-	-
Nozzle Size	0.019-0.025"	-	-

Drying Time

(for 150 microns DFT)

Surface Temperature	5°C	10°C	20°C	40°C
Touch Dry	5 hours	3 hours	2 hours	30 minutes
Hard Dry	30 hours	24 hours	16 hours	8 hours
Overcoating Interval, Minimum	30 hours	24 hours	16 hours	8 hours

Packaging

	Volume (litres)	Size of containers (litres)
Base (Comp A) =	17.14	25
Hardener (Comp B) =	2.86	2

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: 15/05/2023 (It is the user's responsibility to check that this sheet is up to date)

Reference No: TDS / BA280/ 00

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