

TECHNICAL DATA SHEET

BA140 EPOTAN TANK LINING

DESCRIPTION

Product Description	Two component, high volume solids, amine adduct cured phenolic epoxy (Novolac) primer with high resistance to a wide range of chemicals and solvents.
Intended Use	<ul style="list-style-type: none">It is designed for use in petrochemical storage tanks.
Characteristic Properties	<ul style="list-style-type: none">very good adhesion on blasted steel with high water and chemical resistancewithstand temperatures up to 200°C under dry service conditionsgood resistance to storage of high temperature products

PRODUCT PROPERTIES

Color	Light grey, Light red
Gloss Level	Matt
Mixing Ratio	Material is supplied in two containers as a unit. Base (Comp A) = BA140 : 5 by volume Hardener (Comp B) = BB140Z001 : 1 by volume Thinner = TB0065 / TB0060 : 0-10 % by volume (depends on application condition)
Solids (by volume)	69-73 % (ISO 3233-1)
Suggested Thickness	300±20 microns dry film (as three coats of 100 micron each). Should not be used in service before hard dry.
General Remarks	Approved to MIL-PRF-4556F for resistance to JP-8
Theoretical Coverage	Approximately 7.1 m ² /L (100 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 / Air-assisted airless spray gun / brush (for stripe coating)
Pot Life, 20°C	2 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. Surface preparation is recommended using abrasives suitable to achieve Medium G (50 - 85 µm) surface profile (ISO 8503).
- 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) = BA140

Hardener (Comp. B) = BB140Z001

-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.

5 parts of Comp. A (BA140) to 1 part Comp. B (BB140Z001) (by volume)

Application Method, 20°C

Equipment	Airless Spray
Thinner	TB0065 / TB0060
Dilution	0-10 % by volume
Nozzle Pressure	Not less than 15 MPa
Nozzle Size	0.019 - 0.025"

Drying Time, %65 RH (for 100 microns DFT)

Surface Temperature	5°C	10°C	20°C	40°C
Touch Dry	8 hours	7 hours	5 hours	3 hours
Hard Dry	16 hours	12 hours	8 hours	6 hours
Overcoating Interval, Minimum	36 hours	24 hours	16 hours	16 hours

Packaging

	Volume (litres)	Size of containers (litres)
Base (Comp A) =	16.66	25
Hardener (Comp B) =	3.33	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: 19/04/2022 (It is the user's responsibility to check that this sheet is up to date)

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