

---

**TECHNICAL DATA SHEET**

---

**BA960  
EPOTAN BARRIER PRIMER**

---

**DESCRIPTION**

<b>Product Description</b>	Two component, high volume solids, modified epoxy barrier coat designed to give long term protection for protection of steel structures in a single coat application under atmospheric use. BA960 series is also preferred due to excellent cathodic disbondment resistance for buried structures (ISO 12944-Im 3) and good abrasion resistance under intermittent exposure in splash zones.
<b>Intended Use</b>	<ul style="list-style-type: none"><li>• Preferred due to good abrasion resistance under intermittent exposure in splash zones.</li></ul>
<b>Characteristic Properties</b>	<ul style="list-style-type: none"><li>• High surface tolerant</li><li>• Barrier protection</li></ul>

---

**PRODUCT PROPERTIES**

<b>Color</b>	Black, Grey, Buff
<b>Gloss Level</b>	Matt
<b>Mixing Ratio</b>	Material is supplied in two containers as a unit. Base (Comp A) = BA960 : 4 by volume Hardener (Comp B) = BB960Z001 : 1 by volume Thinner = TB0065 / TB0060 : 0-10 % by volume (depends on application condition)
<b>Solids (by volume)</b>	83-87 %
<b>Suggested Thickness</b>	400±50 microns dry film
<b>Approvals &amp; Qualifications</b>	<ul style="list-style-type: none"><li>• Approved to be used for lining for steel water pipe fittings by Element Materials Technology according to AWWA-C210-03.</li></ul>
<b>Theoretical Coverage</b>	Approximately 2.13 m <sup>2</sup> /L (400 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.
<b>Application Method</b>	Airless spray / Brush / Roller
<b>Pot Life, 20°C</b>	1.5 hours after the mixture is prepared. (Higher temperatures reduce the time).

---

**STORAGE AND SAFETY INFORMATION**

<b>Storage</b>	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.
<b>Warnings</b>	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.

## TECHNICAL DATA SHEET

### BA960 EPOTAN BARRIER PRIMER

#### 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. A surface profile of 50-75 microns is recommended.
- 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) = BA960

Hardener (Comp. B) = BB960Z001

-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.

4 parts of Comp. A (BA960) to 1 part Comp. B (BB960Z001) (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 400 microns DFT)

Surface Temperature	5°C	10°C	20°C	40°C
Touch Dry	12 hours	10 hours	6 hours	2 hours
Hard Dry	24 hours	18 hours	10 hours	4 hours
Overcoating Interval, Minimum	24 hours	18 hours	10 hours	4 hours

##### Packaging

	Volume (litres)	Size of containers (litres)
Base (Comp A) =	16	25
Hardener (Comp B) =	4	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 : 10/05/2021 (It is the user's responsibility to check that this sheet is up to date)

Reference No : TDS / BA960/ 02

Page:2/2