

**BAJAKPOX 15130**

CURING AGENT 95140

**Description:** BAJAPOX 15130 is a two-component, polyamide cured coal tar epoxy which provides a very hardwearing coating, highly resistant to seawater and mineral oils. Limited resistance to a number of solvents. Aliphatic hydrocarbons may be discolored.

**Recommended use:** As a self-priming coating system for long-term protection of steel and concrete in severely corrosive environment. It provides excellent protection as a lining in cured and fuel oil tanks.

If the exposure is acidic or a temperature gradient is developed, it is recommended to use BAJAPOX 15100. For application at lower temperatures, ie in the interval from -10°C/ 14°F to + 10°C /50°F, it is recommended to use BAJAPOX LTC 15030.

**Service temperatures:**

Dry:	Maximum 90°C/194°F(See REMARKS overleaf
Ballast water service:	Resists normal ambient temperatures at see*
Other water service:	45/113°F (no temperature gradient)
Other liquids:	Contact BAJAK

\* Avoid long-term exposure to negative temperature gradients.

**PHYSICAL CONSTANTS:**

Colours:	Black	Brown
Finish:	Semi-gloss	Semi-gloss
Volume Solids, %:	70 ± 1	70 ± 1
Theoretical spreading rate:	5.6 m <sup>2</sup> /litre – 125 micron 225 sq.ft. /US gallon - 5 mils	5.6 m <sup>2</sup> /litre – 125 micron 225 sq.ft. /US gallon - 5 mils
Flash point:	25°C/77°F	25°C/77°F
Specific gravity:	1.3 kg/ litre. 10.8 lbs.US gallon	1.3 kg/litre - 10.8 lbs.US gallon
Surface dry:	6 (approx) hrs at 20°C/68°F (ISO 1517)	5 (approx) hrs at 20°C/68°F (ISO 1517)
Dry to touch:	7-8 hours at 20°C/68°F	6-7 hours at 20°C/68°F
Fully cured:	7 days at 20°C/68°F	7 days at 20°C/68°F
V.O.C.:	295 g/litre - 2.4 lbs/US gallon	300 g/litre - 2.4 lbs/US gallon

**Shelf life:** 1 year (25°C/77°F) from time of production. Depending on storage conditions, mechanical stirring may be necessary before usage.

**APPLICATION DETAILS:**

**Mixing ratio for 15130:** Base 15130 : Curing agent 95140  
4 : 1 by volume

<b>Application method:</b>	Airless spray	Brush (touch up)
<b>Thinner (max.vol.):</b>	08450 (5%)	08450 (5%)
<b>Pot life:</b>	2 hours (20°C/68°F)	6 hours (20°C/68°F)
<b>Nozzle orifice:</b>	.023"	
<b>Nozzle pressure:</b>	200 bar/2900 psi (Airless spray data are indicative and subject to adjustment)	

**Cleaning of tools:** BAJAK'S TOOL CLEANER 99610

**Indicated film thickness, dry :** 125 micron/ 5 mils (See REMARKS overleaf)

**Indicated film thickness, wet :** 175 micron/ 7 mils

**Recoat interval, min:** See REMARKS overleaf

**Recoat interval, max:** See REMARKS overleaf

## 2. BAJAPOX 15130

**SURFACE PREPARATION:** **New steel:** Abrasive blasting to Sa 2½ . For temporary protection, if required, use a suitable shopprimer. All damage of shopprimer and contamination from storage and fabrication should be thoroughly cleaned prior to final painting. For repair and touch-up, use BAJAPOX 15130. **Concrete:** Remove slip agent and other possible contaminants by emulsion washing followed by high pressure hosing with fresh water. Remove scum layer and loose matter to a hard, rough and uniform surface, preferably by abrasive blasting, possibly by other mechanical treatment or acid etching. Seal surface with suitable sealer, eg BAJAPOX SEALER 05970 (furthermore, see the Product Data Sheet for BAJAPOX SEALER 05970). **Repair and maintenance:** Remove oil and grease, etc. with suitable detergent. Remove salt and other contaminants by (high pressure) fresh water cleaning. Clean damaged areas thoroughly by abrasive blasting or power tool cleaning. As an alternative to dry cleaning, water jetting to min. WJ-3, preferably WJ-2 (NACE No. 5/SSPC-SP 12), may be used. A flash-rust degree of maximum FR-2 is acceptable before application. Feather edges to sound and intact areas. Dust off residues. Touch up to full film thickness.

**APPLICATION CONDITIONS:** Use only where application and curing can proceed at temperatures above 5°C/41°F. The temperature of the paint itself should preferably be above 15°C/59°F. Best results are obtained at surface and paint temperatures of 15-25°C/59-77°F. Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.

**SUBSEQUENT COAT:** None or as per specification depending on area of use.

**REMARKS:** Weathering/ Service temperatures: The natural tendency of epoxy coatings to become more sensitive to mechanical damage and chemical exposure at elevated temperatures is also reflected in this product.

**Film thicknesses:** May be specified in another film thickness than indicated depending on purpose and area of use. This will alter spreading rate and may influence drying time and recoating interval. Normal range dry is 125-200 micron/ 5-8 mils.

**Recoating:** The recoating intervals in hours for BAJAPOX 15130 (on condition of sufficient ventilation):

Surface temperature		5°C/41°F		100°C/50°F		20°C/68°F		30°C/86°F	
DFT of BAJAPOX 15130		125	200	125	200	125	200	125	200
BAJATEX HI-BUILD 46330	Min	21	39	14	25	6	11	4	7
	Max	54	76	36	48	16	22	11	14
BAJAPOX qualities	Min	21	39	14	25	6	11	4	7
	Max	7 d	7 d	4½ d	4½ d	48	48	32	32

The maximum recoating interval between layers of BAJAPOX 15130 can be doubled on the condition that the coating has not been exposed to sunlight, water/condensation, or to (other) contamination before recoating. Furthermore the surface of the first layer of BAJAPOX 15130 must be free of any exudations. This is secured by keeping the conditions of application, drying and curing, i.e. such as ventilation, temperature, film thickness and thinning within the above described limits. Note that excessive temperatures also must be avoided. If the maximum recoating interval is exceeded, roughening of the surface is necessary to ensure intercoat adhesion.

**Note:** Bleeding may occur into subsequent coats. The effect is cosmetic only and has no negative influence on neither the anticorrosive nor the antifouling properties of the system. **BAJAPOX 15130 is for professional use only.**

**Safety:** Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult BAJAK Material Safety Data Sheets and follow all local or national safety regulations. This goes for personal protection such as, but not limited to, protection of lungs, eyes and of the skin, medical treatment in case of swallowing the paint or in case of other direct contact with the paint. Take necessary precautions against possible risks of fire or explosions as well as protection of the environment. Apply only in well ventilated areas and ensure that adequate forced ventilation exists when applying paint in confined spaces or when the air is stagnant.