



بازاک (سهامی خاص)

## BAJAPOX 15590

CURING AGENT 95100

<b>Description:</b>	BAJAPOX 15590 is a two-component, epoxy amine adduct primer especially for use on surfaces exposed to severe abrasion.
<b>Recommended use:</b>	As a blast primer for heavy duty epoxy systems according to specification.
<b>Service temperatures:</b>	maximum, dry: 140°C/284°F.
<b>PHYSICAL CONSTANTS:</b>	
Colours/Shade nos.:	Red/55688
Finish:	Flat
Volume solids, %	44%
Theoretical spreading rate:	11.0 m <sup>2</sup> /litre - 40 micron 441 sq.ft./US gallon - 1.6 mils
Flash point:	26°C/79°F
Specific gravity:	1.3 kg/litre - 10.8 lbs/US gallon
Surface dry:	¾ (approx.) hour at 20°C/68°F (ISO 1517)
Dry to touch:	3 (approx.) hours at 20°C/68°F
Fully cured:	7 days at 20°C/68°F
V.O.C.:	497 g/litre - 4.2 lbs/US gallon
<b>APPLICATION DETAILS:</b>	
Mixing ratio for 15590:	Base 15590 : Curing agent 95100 3.7 : 1.0 by volume
Application method:	Airless spray      Air spray
Thinner (max.vol.):	0845 (5%)            0845 (15%)
Pot life:	2 hours (20°C/68°F)
Nozzle orifice:	.021"
Nozzle pressure:	150 bar/2200 psi (Airless spray data are indicative and subject to adjustment)
Cleaning of tools:	BAJAK'S TOOL CLEANER 19961
Indicated film thickness, dry:	40 micron/1.6 mils
Indicated film thickness, wet:	100 micron/4 mils
Recoat interval, min:	8 hours (20°C/68°F)
Recoat interval, max:	14 days (20°C/68°F) (See REMARKS overleaf)
<b>Safety:</b>	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.

## BAJAPOX 15590

### SURFACE

#### PREPARATION:

**New steel:** Abrasive blasting to Sa 2½-3, SSPC-SP-10-5, depending on area of use. Minimum surface profile corresponding to Rugotest No. 3, BN11a, Keane-Tator Comparator, 5.5 G/S, or ISO Comparator Coarse (G) - or as per the specification for the subsequent coat(s). Oil and grease must be removed with suitable detergent, salts and other contaminants by (high pressure) fresh water cleaning prior to blasting. After blasting, clean the surface carefully from abrasives and dust.

**Maintenance:** On old steel surfaces having been exposed to salt water, excessive amounts of salt residues in pittings may call for wet abrasive blasting followed by dry abrasive blasting. Alternatively, dry abrasive blasting, high pressure fresh water cleaning, drying, and finally, dry abrasive blasting again.

### APPLICATION

#### CONDITION:

Clean and dry surface with a temperature above the dew point to avoid condensation. Minimum temperature 5°C/41°F, best above 10°C/50°F. Relative humidity maximum 80%, preferably below 60%. The temperature of the paint itself should preferably be between 15°C/59°F and 25°C/77°F.

In confined spaces provide adequate ventilation during application and drying.

#### PRECEDING

#### COAT:

None.

#### SUBSEQUENT

#### COAT:

BAJAPOX or according to specification.

#### REMARKS:

#### 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 30-50 micron/1.2-2 mils.

The stated maximum recoating interval implies the following to secure good adhesion and the best mechanical properties:

- The coating has been applied in a dry film thickness as near as possible to the specified 40 micron.

- The film formation has been of good quality and without any dry spray.

- The drying and curing conditions have been according to APPLICATION CONDITIONS (please see above) until full cure has been obtained.

- No kind of surface contamination exists, except loose dust, abrasive, loose dry spray, which is possible to remove by vacuum cleaning (tanks) / hosing down (exterior).

The surface **MUST** be completely clean before recoating.

- The coating has only been exposed to short periods of strong, direct sunlight (ultra violet light).

**Note:** Inside closed tanks the maximum recoating interval is three weeks provided that the demands for recoating otherwise are fulfilled.

- The coating is checked carefully and should be without patchy, whitish, and/or greasy formations, which can hinder adhesion of subsequent coat.

**Note:** Exudation of curing agent causes the mentioned patchy, whitish, and/or greasy formations which will take place if BAJAPOX 15590 is applied at low temperature without proper induction time and/or if the coating is exposed to water (rain, condensation) during drying and curing.

If the maximum recoating interval is exceeded, roughening of the surface is necessary to ensure intercoat adhesion. Before recoating after exposure in contaminated environment, clean surface thoroughly by (high pressure) fresh water hosing and allow to dry. BAJAPOX 15590 will resist a hosing down of the surface 8 hours after application at a steel temperature of 20°C/68°F.

Note: BAJAPOX 15590 is for professional use only.