

**BAJAPOX®SF 73527**

CURING AGENT 63527

**DESCRIPTION:** **BAJAPOX SF 73527** is a two component, solvent free, inert pigmented polyamine cured epoxy paint with good wetting properties and low water permeability. It is self priming and forms a hard and tough coating which has good resistance against abrasion and impact as well as to seawater, mineral oils and aliphatic hydrocarbons. Application in thick coats by standard heavy duty hot dual airless spray equipment up to 500 micron/20 mils in one working process is possible

**RECOMMENDED USE:**

1. As an internal coating for steel pipe exposed to potable water.
2. As a tank coating for steel exposed to abrasion and/or severe corrosive environment

**APPROVALS:** Approved by Power Research Center of IRAN (MATN) as a coating for potable water according to AWWA C210 and BS6920 standards.  
**AVAILABILITY:** Subject to confirmation

**PHYSICAL CONSTANTS:**

Finish:	Semi-gloss to glossy.	
Color:	Light Green	
Shade No:	4050	
Volume by solid:	100%	
Theoretical:	2.5	m <sup>2</sup> /litre-400 micron
Spreading rate:	100	sq.ft/US gallon 16mils
Flash point:	100/212	°C/°F Abel- pensky. close cup
Specific gravity:	1.43	kg/litre
	11.9	lbs/US gallon
Surface dry:	1 (approx.)	hours at 40 °C/104°F (ISO 1517)
Dry to touch:	2 (approx.)	hours at 40 °C/104°F
Fully cured:	7	days at 20 °C/68°F

*The physical constants are subject to normal manufacturing tolerances.  
 Further reference is made to "Explanatory Notes" in the BAJAK Book.*

**APPLICATION DETAILS:**

Mixing Ratio:	BASE: BAJAPOX SF 73527 :	2 part by volume
	CURING AGENT 63527 :	1 part by volume
Application Method:	hot airless Spray	Brush or roller (touch up)
Thinner (max. vol.):	not recommend	
Pot-Life:	6 min. at (60°C/140°F)	6 min. at (60°C/140°F)
Nozzle Orifice:	0.027" - 0.035"	(See application instructions)
Nozzle Pressure:	250 bar/3650 psi	(Airless spray data are indicative and subject to adjustment)
Cleaning of Tools:	BAJAK'S TOOL CLEANER 08027	(See REMARKS overleaf)
Indicated film thickness, wet:	500 microns/20 mils	
Indicated film thickness, dry:	500 microns/20 mils	(See REMARKS overleaf)
Recoat interval, min:	8 hours (20°C/68°F)	(See application instructions)
Recoat interval, max:	3 days (20°C/68°F)	(See application instructions)

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<b>Surface Preparation:</b>	<p><u>Spot Repair &amp; Maintenance:</u> Remove oil and grease etc., with suitable detergent. Remove salt and other contaminants by high pressure Fresh water cleaning. Abrasive blasting to minimum SA 2½, SSPC-SP 10. Surface profile corresponding to Rugotest No. 3, BN 11, Keane-tator comparator 5.5 GLS. After blasting, clean the surface carefully from abrasives and dust.</p> <p><u>On pit-corroded surfaces:</u> excessive amounts of salt residues may call for dry Abrasive blasting, high pressure fresh water hosing, drying, and finally, dry abrasive blasting again alternatively, jet-cleaning, drying and dry abrasive Blasting.</p>
<b>Application Conditions:</b>	Apply only on a dry and clean surface with a temperature 3°C above the dew point to avoid condensation. Use only where application and curing can proceed at Temperatures Above approximately 15°C/59°F. The temperature of the paint itself Should also be minimum 50 °C/59°F. In confined spaces Provide adequate Ventilation during application and drying.
<b>Preceding Coat :</b>	None, or BAJAPOX 12220
<b>Subsequent Coat :</b>	None, or according to specification.
<b>Remarks:</b>	Refer to separate APPLICATION INSTRUCTIONS.
<b>Service Temperature:</b>	Wet service temperature: max: 50°C/122°F Dry peak temperature: max. 100°C/212°F
<b>Film Thickness:</b>	May be specified in another film thickness than indicated depending on purpose and area of use. Normal range is 350-500 Mic. (14-20 mil.). This will alter spreading rate and may influence drying time and reciting interval. Concerning measurement of wet film thickness.
<b>Pot-life:</b>	The pot life is dependent upon temperature. For temperature at 35°C/95°Fthe pot life will be increased to approximately 15 minutes.
<b>NOTE:</b>	BAJAK®SF 73527 is for professional use only.
<b>Safety:</b>	Packing is provided with applicable safety labels, which should be observed. In addition, Material Safety Data Sheet(s) should be consulted and national or local regulations should be followed. As a general rule, inhalation of solvent vapors or paint mist, and contact of liquid paint with skin and eyes should be avoided. Forced ventilation should be provided when applying paint in confined spaces or stagnant air. Even when ventilation is provided, respiratory, skin, and eye protection are always recommended when spraying paint. Necessary precautions against the risk of fire or explosion must be taken.
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