



BAJAPOX 73524

CURING AGENT 63027

Formerly 35560

Description: BAJAPOX 73524 is a solvent-free, two-component, high-build, polyamine adduct cured epoxy paint, which cures to a coating with good resistance to fresh water.

Recommended use: As a lining in potable water tanks and pipelines.
As a self-primed, high build coating primarily for areas subject to abrasion and/or to a highly corrosive environment; E.g. splash zones, jetty and bridge pilings and decks.

Service temperatures: Maximum, dry exposure only: 140°C
In fresh water (directly on steel): 45°C. (no temperature gradient)

Availability: Part of Group Assortment. Local availability subject to confirmation.

PHYSICAL CONSTANTS:

Colours/Shade nos: 50900 / Light red (see REMARKS overleaf)
Finish: Glossy
Solids Content, %: 100
Theoretical spreading rate: 5 m²/l - 200 micron

Flash point: 100°C
Specific gravity: 1.3 kg/litre
Surface dry: 10 approx. hour(s) 20°C
Dry to touch: 7 day(s) 20°C
Fully cured: 7 days at 20°C
V.O.C.: 0 g/l

APPLICATION DETAILS:

Mixing ratio for 35530: Base 73524 : Curing agent 63027
6.8 : 2 by volume

Application method: Airless spray , Brush (touch up)
Thinner (max.vol.): Do not dilute
Pot life: 1.5 hour(s) 20°C
45 minutes 35°C

Nozzle orifice: 0.021 "
Nozzle pressure: 220 bar [3190 psi] minimum.
(Airless spray data are indicative and subject to adjustment)

Cleaning of tools: BAJAK'S TOOL CLEANER 8000
Indicated film thickness, dry: 200 micron(See REMARKS overleaf)
Indicated film thickness, wet: 200 micron
Recoat interval, min: See REMARKS overleaf and separate APPLICATION INSTRUCTIONS
Recoat interval, max: See REMARKS overleaf and separate APPLICATION INSTRUCTIONS

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SURFACE PREPARATION: **New steel:** Remove oil and grease etc. thoroughly with suitable detergent. Remove salts and other contaminants by high pressure fresh water cleaning. Abrasive blasting to near white metal Sa 2½ (ISO 8501-1:2007) with a surface profile corresponding to Rugotest No. 3, BN10a, Keane-Tator Comparator 3.0 G/S, or ISO Comparator Rough Medium (G). Apply immediately after cleaning. All damage of shopprimer and contamination from storage and fabrication should be thoroughly cleaned prior to overcoating.

Repair and maintenance: Remove oil and grease etc. thoroughly with suitable detergent. Remove salts and other contaminants by high pressure fresh water cleaning. Old steel surfaces having been exposed to salt water, excessive amounts of salt residues in pittings may call for abrasive blasting, high pressure fresh water hosing, drying, and finally, dry abrasive blasting again.

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. Sealsurface with suitable sealer, as per relevant painting specification.

APPLICATION CONDITIONS: Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. Use only where application and curing can proceed at temperatures above:10°C. The temperature of the paint itself should be above:15°C. In-can temperature of the paint should preferably be below 30°C. Curing requires a relative humidity of: maximum 85%. For low temperatures (10-15°C), then the maximum relative humidity is: 65%. In confined spaces provide adequate ventilation during application and drying.

PRECEDING COAT: None, or as per specification. If a blast primer/hold-coat is required use: BAJAPOX 13520 (According to separate APPLICATION INSTRUCTIONS)

SUBSEQUENT COAT: None.

REMARKS Weathering/service temperatures: The natural tendency of epoxy coatings to chalk in outdoor exposure and 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. Normal range for tanks: 200-400 micron. May be specified in film thicknesses up to 600 µm for controlled applications, e.g. on pipelines.

Overcoating: Overcoating intervals related to later conditions of exposure: If the maximum overcoating interval is exceeded, roughening of the surface is necessary to ensure intercoat adhesion. Before overcoating after exposure in contaminated environment, clean the surface thoroughly with high pressure fresh water hosing and allow drying. A specification supersedes any guideline overcoat intervals indicated in the table.

Environment SURFACE TEMPERATURE	Immersion					
	10°C		20°C		30°C	
BAJAPOX	Min	Max	Min	Max	Min	Max
		40 h	75 d	16 h	30 d	8 h

Note: **BAJAPOX 73524 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.

This Product Data Sheet supersedes those previously issued. For definition and scope, see explanatory notes to applicable Product Data Sheets. Data, specifications, directions and recommendations given in this data sheet represent only test results or experience obtained under controlled or specially defined circumstances. Their accuracy, completeness or appropriateness under the actual conditions of any intended use of the Products herein must be determined exclusively by the Buyer and/or User. The Products are supplied and all technical assistance is given subject to BAJAK's GENERAL CONDITIONS OF SALES, DELIVERY AND SERVICE, unless otherwise expressly agreed in writing. The Manufacturer and Seller disclaim, and Buyer and/or User waive all claims involving, any liability, including but not limited to negligence, except as expressed in said GENERAL CONDITIONS for all results, injury or direct or consequential losses or damages arising from the use of the Products as recommended above, on the overleaf or otherwise. Product data are subject to change without notice and become void five years from the date of issue.

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