



## BAJAPOX MULTI-STRENGTH 73526

CURING AGENT 63526

Formerly 35530

- Description:** BAJAPOX MULTI-STRENGTH 73526 is a solvent-free, two-component, high-build, polyamine cured epoxy paint, which cures to a coating with good resistance to fresh water, sea water, crude oil, and to abrasion. Applicable in thick coats by standard heavy duty airless spray equipment. Harmless to grain cargo.
- Recommended use:** 1. As a heavy duty coating on steel exposed to abrasion where solvent-free materials are required. Full colour retention will be of secondary importance. If solvent containing paints are accepted, BAJAPOX MULTI-STRENGTH 42526 substitutes.  
2. As a lining in potable water tanks. Please see Certificates/Approvals. For application in warm climates. Please see APPLICATION CONDITIONS overleaf.
- Service temperatures:** Dry: In fresh water (directly on steel):  
Maximum: 140°C 35°C (no temperature gradient)  
See REMARKS overleaf.
- Availability:** Part of Group Assortment. Local availability subject to confirmation.

### PHYSICAL CONSTANTS:

Colours/Shade nos:	Grey/10500 - Red/51320
Finish:	Semi-gloss
Solids Content:	100 %
Theoretical spreading rate:	3.3 m <sup>2</sup> /litre - 300 micron
Flash point:	100°C
Specific gravity:	1.3 kg/litre
Surface dry:	12 (approx.) hrs at 20°C (ISO 1517)
Dry to touch:	24 (approx.) hours at 20°C
Fully cured:	7 days at 20°C
V.O.C.:	0 g/litre

### APPLICATION DETAILS:

Mixing ratio for 35530:	Base 73526 : Curing agent 63526 3 : 1 by volume Stir CURING AGENT before adding it to the BASE
Application method:	Airless spray , Brush (touch up) (Consult the separate APPLICATION INSTRUCTIONS)
Thinner (max.vol.):	Do not dilute (Consult the separate APPLICATION INSTRUCTIONS)
Pot life:	1 hour (20°C) (Consult the separate APPLICATION INSTRUCTIONS)
Nozzle orifice:	.019"- .031"
Nozzle pressure:	250 bar/3600 psi (Airless spray data are indicative and subject to adjustment)
Cleaning of tools:	BAJAK'S TOOL CLEANER 8000
Indicated film thickness, dry:	300 micron(See REMARKS overleaf)
Indicated film thickness, wet:	300 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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## 2. BAJAPOX MULTI-STRENGTH 73526

**SURFACE PREPARATION:** When used as a heavy duty coating or in potable water tanks:  
 Abrasive blasting to min. Sa 2½. Grit-blasted surfaces: recommended profile is Rz minimum 100 micron - maximum 150 micron corresponding to ISO Comparator Coarse (G). Oil and grease must be removed with suitable detergent, salts and other contaminants by (high pressure) fresh water hosing prior to blasting. After blasting, clean the surface carefully from abrasives and dust. On 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. Alternatively, water jetting may be used provided the steel surface has already the surface profile as described above.  
 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, flame cleaning or acid etching. Seal surface with suitable sealer, eg BAJAPOX SEALER 23020 (furthermore, please see Product Data Sheet for 23020).

**APPLICATION CONDITIONS:** Use only where application and curing can proceed at temperatures above 10°C.  
 The temperature of the paint itself must be above 15°C for proper application. In-can temperature of the paint should preferably be below 25°C.  
 Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. Relative humidity max 85%.  
 For application in warm climates, BAJAPOX MULTI-STRENGTH 42526 may preferably replace BAJAPOX MULTI-STRENGTH 73526 as a heavy duty coating. For potable water tanks please check local product assortment.

**PRECEDING COAT:** None, BAJAPOX SEALER 23020, BAJAPOX 13520 or according to specification.

**SUBSEQUENT COAT:** None, BAJAPOX or BAJATHANE qualities as per specification.

**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 and may influence drying time and recoating interval. Normal range dry is 200-300 micron.

**Recoating:** Recoating intervals related to later conditions of exposure:  
 (300 micron dry film thickness of BAJAPOX MULTI-STRENGTH 73526)

Physical data versus temperatures:				
	Minimum		Maximum	
SURFACE TEMPERATURE	20°C		20°C	
	Atmospheric	Water immersion	Atmospheric	Water immersion
Recoated with	Severe		Severe	
BAJAPOX	24 hours	24 hours	5 days	5 days
BAJATHANE	12 hours	Not relevant	24 hours	Not relevant

Mix and stir the two components until an even colour is achieved, where after the paint is ready for use. If improved colour stability is requested for exposure to sunshine, it is recommended to topcoat with e.g. BAJATHANE TOPCOAT 53551.

**Potable water tanks:** Do not put tanks into service before the coating is properly cured. When cured but before taking tank into use for potable water, fill twice with water, each time for a period of not less than 24 hours, and finally flush with fresh water. Alternatively hose down with warm fresh water (max. 50°C). Such cleaning may be subject to local/individual specification or regulation.

**Note:** **BAJAPOX MULTI-STRENGTH 73526 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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