

**BAJAPOX 15570**

curing agent 95570

Description: BAJAPOX 15570 is a two-component, polyamide-adduct cured epoxy paint, which cures to a strong and highly corrosion resistant coating at temperatures down to -10°C/14°F. The Micaceous Iron Oxide pigmented light grey quality is also well suited for application under humid conditions, on damp steel surfaces, and may be applied on moist surfaces.

Recommended use:

1. As a maintenance and repair primer, intermediate, and/or finishing coat in BAJAPOX systems in severely corrosive environment. As a finishing coat where a cosmetic appearance is of less importance.
2. As a low temperature curing epoxy primer, intermediate, and/or finishing coat in paint systems according to specification. Well suited as a (blast) primer in coal tar epoxy systems.

Service temperature:

Dry: Maximum 140°C/284°F (See REMARKS overleaf)
 Ballast water service: Resists normal ambient temperature at sea*
 Other water service: 40°C/104°F (no temperature gradient)
 Other liquids: Contact BAJAK
 * Avoid long-term exposure to negative temperature gradients

PHYSICAL CONSTANTS:

Colours: Light grey (MIO) - Red
 Finish: Flat
 Volume Solids, %: 54 ± 1
 Theoretical spreading rate: 5.4 m²/litre – 100 micron
 217 sq.ft./US gallon – 4 mils
 Flash point: 25°C/77°F
 Specific gravity: 1.4 kg/litre – 11.7 lbs/US gallon
 Dry to touch: 3-4 (approx) hours at 20°C/68°F
 Fully cured: 7 days at 20°C/68°F
 V.O.C.: 430 g/litre – 3.6 lbs/US gallon
 Shelf life: 1 year (25°C) from time of production. Depending on storage conditions, mechanical stirring may be necessary before usage.

APPLICATION DETAILS:

Mixing ratio : Base 15570 : Curing agent 95570
 3 : 1 by volume

Application method: Airless spray Air spray Brush
 Thinner (max.vol.): 08450 (5%) 08450 (15%) 08450 (5%)
 Pot life: 2 hours (25°C/68°F)
 Nozzle orifice: .019" - .021"
 Nozzle pressure: 175 bar/2500 psi
 (Airless spray data are indicative and subject to adjustment)

Cleaning of tools: BAJAK'S TOOL CLEANER 99610
 Indicative dft: 100 micron/4 mils (See REMARKS overleaf)
 Indicative wft: 200 micron/8 mils
 Recoat interval, min: As per separate APPLICATION INSTRUCTIONS
 Recoat interval, max: As per separate APPLICATION INSTRUCTIONS

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. Avoid inhalation, avoid contact with skin and eyes, and do not swallow. Take precautions against possible risks of fire or explosions as well as protection of the environment. Apply only in well ventilated areas.

2. BAJAPOX 15570

SURFACE PREPARATION:	<p>New steel (dry conditions): Abrasive blasting to Sa2½ . For temporary protection, if required, use 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 15570.</p> <p>Light alloys: Thorough degreasing and (light) abrasive sweeping to remove contamination and to secure adhesion – surface profile depending on later exposure.</p> <p>Stainless steel: (Eg ballast tanks of chemical carriers) to be abrasive blast cleaned to a uniform, sharp, dense profile (Rugotest No. 3, BN9a, ISO comparator Medium (G), Keane-Tator comparator 2.0 G/S) corresponding to Rz minimum 50 micron. Any salts, grease oil, etc. to be removed before abrasive blasting is commenced.</p> <p>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 power tool cleaning to St 3 (minor areas) or by abrasive blasting to minimum Sa 2, preferably to Sa 2½. Improved surface preparation will improve the performance of BAJAPOX 15570. As an alternative to dry cleaning, water jetting to minimum WJ-3, preferably WJ-2 (NACE No. 5/SSPC-SP 12), may be used. A flash-rust degree of FR-1 maximum FR-2 is acceptable before application. Feather edges to sound and intact areas. Dust off residues. Touch up bare spots to full film thickness when the surface has reached the condition of being damp, may be moist.</p> <p>In case of wet abrasive blasting a suitable inhibitor may be used. Surplus inhibitor and residual abrasives and sludge must be removed by (high pressure) fresh water cleaning before recoating cleaning with hot water is recommended.</p> <p>Note 1: Inhibitors are generally not recommended for surfaces which will be immersed during service.</p> <p>Not 2: Damp surfaces: Water is not readily detectable, but the temperature of the surface is below the dew point. Moist surfaces: pools of water and droplets have been removed, but there is a noticeable film of water. Wet surfaces: Droplets or pools of water are present.</p>
APPLICATION CONDITIONS:	<p>Use only where curing can proceed at temperatures above -10°C/14°F.</p> <p>At the freezing point and below be aware of the risk of ice on the surface, which will hinder the adhesion.</p> <p>The temperature of the paint itself should be 15°C/60°F or above to secure proper application properties.</p> <p>In confined spaces provide adequate ventilation during application and drying.</p> <p>Occurrence of standing water or droplets on the painted surface immediately after application may result in discolouration.</p>
PRECEDING COAT:	None, or according to specification.
SUBSEQUENT COAT:	None, BAJAPOX , BAJATHANE , BAJATEX or BAJACRYL as per specification.
REMARKS: Weathering/ service temperature:	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 is 50-125 micron/2-5 mils.
Recoating:	<p>Recoating intervals related to later conditions of exposure. Consult separate APPLICATION INSTRUCTIONS.</p> <p>Before recoating after exposure in contaminated environment, clean the surface thoroughly by (high pressure) fresh water hosing and allow to dry.</p> <p>If the maximum recoating interval is exceeded, roughening of the surface is necessary to ensure intercoat adhesion.</p>
Note:	BAJAPOX 15570 is for professional use only.