



## BAJALIN ENAMEL 54510

Formerly 52140

**Description:** BAJALIN ENAMEL 54510 is a glossy alkyd enamel which forms a weather resistant coating. It is flexible and resistant to salt water and spillage of mineral oil and other aliphatic hydrocarbons.

**Recommended use:** As a general purpose finishing coat in alkyd systems on exterior and interior steel and woodwork in mildly to moderately corrosive environment.  
As a finishing coat in engine rooms including tank tops, main engines and auxiliary machinery.

**Service temperatures:** Maximum, dry: 120°C (these temperatures may cause yellowing/discoloration).

### PHYSICAL CONSTANTS:

Colours/Shade:	White	Black
Finish:	Glossy	Glossy
Volume solids:	46 ± 1%	43 ± 1%
Theoretical spreading rate:	15.3 m <sup>2</sup> /litre - 30 micron	14.3 m <sup>2</sup> /litre - 30 micron
Flash point:	38°C	38°C
Specific gravity:	1.1 kg/litre	0.9 kg/litre
Surface dry:	2½ (approx) hrs at 20°C (ISO 1517)	6-8 2½ (approx) hrs at 20°C (ISO 1517)
Dry to touch:	hours at 20°C	6-8 hours at 20°C
V.O.C.:	430 g/litre	455 g/litre

### APPLICATION DETAILS:

Application method:	Airless spray	Air spray	Brush/Roller
Thinner (max.vol.):	8013 (5%)	8013 (15%)	8013 (5%) (See REMARKS overleaf)
Nozzle orifice:	.018"		
Nozzle pressure:	150 bar/2200 psi (Airless spray data are indicative and subject to adjustment)		
Cleaning of tools:	THINNER 8013		
Indicated film thickness, dry:	30 micron		
Indicated film thickness, wet:	75 micron		
Recoat interval, min:	8 hours (20°C)		
Recoat interval, max:	See REMARKS overleaf		

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**APPLICATION CONDITIONS:** As dictated by normal good painting practice.  
In confined spaces provide adequate ventilation during application and drying.

**PRECEDING COAT:** BAJALIN PRIMER 12210, BAJALIN UNDERCOAT42510 or according to specification.

**SUBSEQUENT COAT:** None,

**Colours:** Certain lead-free red and yellow colours may discolour when exposed to chlorine- containing atmosphere.  
Leaded colours may become discoloured when exposed to sulphide-containing atmosphere.

**Film thicknesses:** May be specified in other film thicknesses than indicated depending on purpose and area of use. This will alter spreading rate and may influence drying time and recoat interval. Normal range 30-40 micron.

**Thining:** THINNER 8031 may be used for spray application, however, with a certain risk of wrinkling of the preceding fresh coat of BAJALIN.

**Recoating:** Recoat intervals related to later conditions of exposure:  
(30 micron dry film thickness of BAJALIN ENAMEL 54510)

	Minimum		Maximum	
SURFACE TEMPERATURE	20°C		20°C	
	Atmospheric		Atmospheric	
Recoated with (quality numbers only)	Mild	Medium	Mild	Medium
54510	8hour	8 hours	None	5 days

If the maximum recoat interval is exceeded, roughening of the surface is recommended to ensure intercoat adhesion.

Before recoating after exposure in contaminated environment, clean the surface thoroughly by (high pressure) fresh water hosing and allow to dry.

**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.

**Note:** BAJALIN ENAMEL 54510 is for professional use only.

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