



BAJALIN® ENAMEL 52140

Description:	BAJALIN ENAMEL52140 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 tanktops, main engines and auxiliary machinery.
Service temperatures:	Maximum, dry:120°C/248°F(these temperatures may cause yellowing/discoloration).
Availability:	Part of Group Assortment. Local availability subject to confirmation.

PHYSICAL CONSTANTS:

Colours/Shade nos:	White/10000	Black /19990*
Finish:	Glossy	Glossy
Volume solids,%	46 ± 1	43 ± 1
Theoretical spreading rate:	15.3 m ² /litre - 30 micron 615 sq.ft./US gallon - 1.2 mils	14.3 m ² /litre - 30 micron 575 sq.ft./US gallon - 1.2 mils
Flash point:	38°C/100°F	38°C/100°F
Specific gravity:	1.1 kg/litre - 9.2 lbs/US gallon)	0.9 kg/litre - 7.5 lbs/US gallon
Surface dry:	2½ (approx) hrs at 20°C/68°F (ISO 1517)	2½ (approx) hrs at 20°C/68°F (ISO 1517)
Dry to touch:	6-8 hours at 20°C/68°F	6-8 hours at 20°C/68°F
V.O.C.:	430 g/litre - 3.6 lbs/US gallon	455 g/litre - 3.8 lbs/US gallon

APPLICATION DETAILS:

Application method:	Airless spray	Air spray	Brush/Roller
Thinner (max.vol.):	08230 (5%)	08230 (15%)	08230 (5%) (See REMARKSoverleaf)
Nozzle orifice:	.018"		
Nozzle pressure:	150 bar/2200 psi (Airless spray data are indicative and subject to adjustment)		
Cleaning of tools:	THINNER 08230		
Indicated film thickness, dry:	30 micron/1.2 mils		
Indicated film thickness, wet:	75 micron/3 mils		
Recoat interval, min:	8 hours (20°C/68°F)		
Recoat interval, max:	See REMARKS overleaf		

Issued: March 2004

BAJALIN ENAMEL 52140

APPLICATION CONDITIONS:	As dictated by normal good painting practice. In confined spaces provide adequate ventilation during application and drying.
PRECEDING COAT:	BAJALIN PRIMER 12050, BAJALIN PRIMER HI-BUILD 13200, BAJALIN UNDERCOAT42460 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 filmthicknesses 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/1.2-1.6 mils.
Thining:	THINNER 08080 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/1.2 mils dry film thickness of BAJALIN ENAMEL 52140)

	Minimum		Maximum	
SURFACE TEMPERATURE	20°C/68°F		20°C/68°F	
	Atmospheric		Atmospheric	
Recoated with (quality numbers only)	Mild	Medium	Mild	Medium
52140	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.

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/122°F). Such cleaning may be subject to local/individual specification or regulation.

Safety: Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult BAJAKEL 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 52140 is for professional use only .**

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.

Issued March 2004