Product Data



BAJALIN PRIMER 12050

Description: BAJALIN PRIMER 12050 is a relatively quick-drying, zinc phosphate primer, based

on long oil alkyd and urethane alkyd.

Recommended use: General purpose primer for BAJALIN systems for protection of steel in mild to

medium atmospheric corrosive environments.

Service temperatures: Maximum, dry: 120°C/248°F.

PHYSICAL CONSTANTS:

Colours/Shade nos.: Green/40760 - Red/50410

Finish: Flat Volume solids, %: 49 ± 1

Theoretical spreading rate: 12.3 m²/litre - 40 micron

491 sq.ft./US gallon - 1.6 mils

Flash point: 38°C/100°F

Specific gravity: 1.3 kg/litre - 10.8 lbs/US gallon

Dry to touch: 2-4 hours at 20°C/68°F

V.O.C.: 410 g/litre - 3.4 lbs/US gallon

APPLICATION DETAILS:

Application method: Airless spray Air spray Brush/Roller Thinner (max.vol.): 08230 (5%) 08230 (5%) 08230 (5%)

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: 40 micron/1.6 mil Indicated film thickness, wet: 75 micron/3 mils

Recoat interval, min:

Recoat interval, max:

See REMARKS overleaf

See REMARKS overleaf

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.

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SURFACE

New steel: Abrasive blasting to minimum Sa 2. For temporary protection, if required, use a suitable shopprimer. Damage of shopprimer and contamination from storage and

fabrication should be thoroughly cleaned prior to final painting. For repair and touch-up use

BAJALIN PRIMER 12050.

Maintenance: Remove oil and grease, etc. with suitable detergent. Remove salt and other contaminants by (high pressure) fresh water cleaning. Remove all rust and loose material by abrasive blasting or power tool cleaning. Dust off residues. Touch up to full film thickness.

APPLICATION CONDITIONS:

PREPARATION:

As dictated by normal good painting practice.

In confined spaces provide adequate ventilation during application and drying.

SUBSEQUENT COAT:

BAJALIN system according to specification.

REMARKS:

Some of the certificates are issued under the former quality number 1205.

May be specified in another film thickness than indicated depending on purpose and area of Film thicknesses:

use. This will alter spreading rate and may influence drying time and recoating interval. Normal range dry is 30-50 micron/1.2-2 mils.

Recoating:

Recoating intervals related to later conditions of exposure: (40 micron/1.6 mils dry film thickness of BAJALIN PRIMER 12050)

	Minimum		Maximum	
Steel temperature	20°C/68°F		20°C/68°F	
Recoated with (Quality Numbers only)	Atmospheric		Atmospheric	
	Mild	Medium	Mild	Medium
BAJALIN, except 53240 53240	5 hrs 2 days	8 hrs 2 days	none none	3 days 7 days

If the maximum recoating interval is exceeded, roughening of the surface is necessary to ensure intercoat adhesion. Before recoating after exposure in contaminated environment, clean surface thoroughly with (high pressure) fresh water hosing and allow to dry.

BAJALIN PRIMER 12050 Is for professional use only. Note: