

# SB43-02

## Product Information

This product is a two component polyurethane paint which consists of selected acrylic resin with excellent physical and chemical properties, weathering pigments, special additives, and imported aliphatic. The paint film has the properties of strong adhesion, impact resistance, and acid, hot and cold water resistant, resistant to mineral oil, vegetable oil, abrasion resistance, weatherability, security light, Color, non-powder-based, and non-yellowing, particularly decorative effect.

## Recommended Purpose

Applicable to a variety of cars, trains, yachts, ships, wharves, machinery and equipment, bridges, electrical and mechanical products, as seal paint.

## Physical Properties

**Color:** Various

**DFT:** 40mic DTF /76micWTF (vary from different colors)

**Solid volume:** 53± 2%

**Theoretical coverage:** 86g/m<sup>2</sup>

**Practical coverage:** proper wastage accepted

**Flash Point:** Part A=24°C , Part B=23°C

**Density:** about 1.14kg/kl

## Application

**Mixing Ratio:** Part A: Part B= 5:1(weight ratio)

**Thinner:** Not recommended. Use X104 thinner under special conditions. Max dose shouldn't be more than 5% (volumetric ratio).

**Painting Method:** Airless spraying (Recommended), general spraying or brush painting. Airless nuzzle diameter: 0.28mm-0.33mm, blowing pressure shouldn't be less than 141kg / cm<sup>2</sup> (2000psi). Use proper equipments. It is possibly necessary to use the thinner.

**Tool Cleaning:** X104

**Drying time:**

Temperature of basis material	5°C	23°C	30°C
Touch dry	1hour	30minutes	20minutes
Hard dry	12hours	12hours	8hours
Repainting interval (Min)	24hours		

Repainting interval (Max)

No limit

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## Paint Specification

S06-01, S06-06 etc, for other specification, please consult our Kylin Company

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## Surface Preparation

All surfaces should be clean, dry and free from contamination. High pressure or pressure with fresh water wash should be applied prior to the treatment or of the application. Steel products with mill scale: shot blasting or grit blasting should meet the requirements of Sa2 grade in Sweden derusting standard at least. Steel products without mill scale: to be grinded by dynamic tools to meet the requirements of St3 grade in Sweden derusting standard.

Steel products painted with plant primer: use slight grit blasting or dynamic tools to carry out secondary surface preparation to meet the requirements of St3 grade in Sweden derusting standard. For other surface treatments, please consult with our Kylin Company.

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## Storage

12 months at 25°C. To be stored at dry and ventilated circumstance. The package vessel must keep sealed.

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## Pack Size

Part A is 12KG, Part B is 2.4KG. For other packing specifications are needed, please consult with our Kylin Company.

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## Health and Safety

Prior to use, obtain, consult and follow the Material Safety Data Sheet for this product concerning health and safety information. Read carefully and conform to precautions on MSDS and packing vessels. To avoid eye and skin contact, such tools as gloves, goggles and face mask etc should be used for works (proper safety measures should be taken according to construction methods and circumstances). All works with the product must be carried out according to all relative national health, safety and environment standards and codes. This product is for professional use only.

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## Limitation of liability

All information is given for guidance only and is subject to regional variation depending upon local climate and environmental condition. An excessive film thickness delays the final curing and creates sagging. Overcoating interval will

increase with the increment of the number of paint layer and the thickness of the paint film. For recommended paints at special circumstances, please consult with our Kylin Company. Apply in good weather. The relative humidity must not exceed 80%, temperature of the surface to be coated must be at least 3°C above the dew point. All data from the tests is obtained at the special lab circumstance, so Kylin company won't bear any liabilities from the condition whether the data could reflect the objective status at the actual application circumstance or not.

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### Disclaimer

The information in the product manual is based on our experiences from the tests and practices. For the application without our knowledge, we could only make sure that our products themselves are warranted. It is allowed to modify the data in this product manual according to our continuous development and experience accumulation without advance notice.