

High performance 2-component aliphatic polyurethane paint that is specially formulated for interior and exterior usages such as metal and steel structures, high-rise buildings, concrete finishes, and machinery. Engineered for superior resistance to oil, water, and chemicals, it also ensures excellent weathering durability, toughness, and hard protection with abrasion tolerance.

Basic Information

Features	:	i. Highly durable & high performance ii. Chemical resistance iii. Long-Lasting iv. Wide range of substrates
Usage	:	For interior and exterior usages such as metal and steel structures, high-rise buildings, concrete finishes, and machinery
Paint Type	:	Solvent based
Pack Size	:	5 liters set (Including hardener)

Composition

Binder	:	Acrylic Polyol / Aliphatic Resin
Pigment	:	Organic and inorganic pigments, mineral extenders
Thinner	:	Aromatic Hydrocarbon

Technical Data

Texture	:	Smooth Sheen Finish
Drying Time	:	Touch dry = 30 mins (<i>Depends on temperature and humidity</i>) Hard dry = 1 – 2 hours (<i>Depends on temperature and humidity</i>)
Recoating Time	:	1 - 2 hours (<i>Depends on temperature and humidity</i>)
Pot Life	:	2 hours (25°C) after mixing with hardener
Theoretical Coverage	:	13 m ² (<i>Depends on substrate condition, application method, application condition & etc.</i>)

Application Method

Brush / Roller	:	Stir the paint thoroughly. Thinner is usually not necessary for normal application.
Conventional Air Spray	:	Dilute with 5 – 10% of Thinner. Adjust when necessary.
Airless Spray	:	Stir the paint thoroughly. Thinner is usually not necessary for normal application.

Surface Preparation

Concrete Surfaces: Surface must be clean, dry and free from oil, grease, dirt, mildew and any other contaminants before painting. Avoid painting on the substrate with high moisture content as it will cause the Polyurethane paint film to bulge or blister. For the new concrete floor, etch the floor surface with hydrochloric acid solution is highly recommended.

Wood Surfaces: Surface must be clean, dry and free from oil, grease and any other contaminants. Surface to be painted can be sanded with an appropriate grade of sandpaper and dust off before applying the Polyurethane paint. Avoid painting on the substrate with high moisture content and in a humid environment.

Metal Surfaces: Surface must be clean, dry and free from oil, grease and any other contaminants. Mill scales and rusted surface should be sanded, or wire brushed. Avoid painting on the substrate with high moisture content and in a humid environment.

Painted Surfaces: Remove all loose, defective and unstable paint film, as well as any dust and foreign materials on the surface. The rusted and uneven area should be sanded and smoothen. Spot priming the surface if necessary. Avoid painting on the substrate with high moisture content and in a humid environment.