

GLOSSY ALIPHATIC POLYURITHANE ENAMEL 11023

Description:	It is a two component polyurethane paint based on acrylic resin and isocyanate hardener.
Advantages:	<ul style="list-style-type: none"> • Give excellent durability. • Give excellent light fastness. • Excellent mechanical properties. • Very high resistance to abrasion. • Flow and easy to apply. • Very high adhesion.
Fields of application:	<ul style="list-style-type: none"> • Apply on steel, wood, fiber and plastic surfaces which is well primed. • Could be applied as finish coat on steel surfaces in marines and petroleum tanks.
Color:	As PACHIN color shades.
Finish:	High gloss.
Specific gravity:	1.25 ± 0.05 gm / cm ³
Solid by volume:	62 % (for light shades).
Theoretical spreading rate:	8 - 10 m ² / kg (at D.F.T 35 micron dry).
Wet film thickness:	85 microns.
dry film thickness:	50 microns.
Drying time:	<ul style="list-style-type: none"> • Surface: 6 - 8 hrs. (at 25°C & 60% R.H.). • Complete: 24 hrs. (at 25°C & 60% R.H.).
Time to recoat:	<ul style="list-style-type: none"> • Min.: 24 hrs. (at 25°C & 60% R.H.). • Max.: no limit.
Shelf life:	12 months in its closed original cans at good stores in ideal conditions.
Thinner:	No. 10869 (PACHIN thinner).
Hardener:	PACHIN hardener 11012.
Mixing ratio:	<ul style="list-style-type: none"> • By weight: 5 (paint) : 1 (hardener). • By volume: 5.3 (paint) : 1 (hardener).
Pot life:	4 hrs (at 25°C & 60% R.H.).
Method of application:	<ul style="list-style-type: none"> • By airless spray: no thinner to be added Nozzle orifice: 0.017" - 0.021" Nozzle pressure: 180 - 200 bar • By air spray: Volume of thinner: 0 - 15 % Nozzle orifice: 1.8 - 2 Nozzle pressure: 3 - 4 bar • By brush (for small areas) Volume of thinner: 0 - 10 %
Surface preparation:	<ul style="list-style-type: none"> • The surface should be dry and clean from dirties, oils and greases, it should be applied on primed metal surfaces.