
POLYURETHANE FINISH NO. 107

Description:	It is a two component polyurethane paint based on saturated polyester resins and polyisocyanate hardener.
Advantages:	<ul style="list-style-type: none"> • Good satisfactory adhesion. • High outdoor stability. • Good abrasion resistance, hardness, impact resistance. • High flexibility and mar resistance. • Dry at room temperature and its drying cycle can be accelerated at elevated temperature. • It withstand exposure to dilute alkaline solutions, water aqueous salt solutions, organic solvents.
Fields of application:	<ul style="list-style-type: none"> • Apply on steel surface.
Color:	As PACHIN shades.
Finish:	High gloss.
Specific gravity:	1.21 ± 0.05 gm / cm ³
Solid by volume:	63 ± 1 %.
Theoretical spreading rate:	8 - 10 m ² / kg (at D.F.T 35 micron).
Wet film thickness:	70 - 80 microns.
dry film thickness:	40 - 50 microns.
Drying time:	<ul style="list-style-type: none"> • Surface: 6 - 8 hr (at 25°C & 60% R.H.). • Complete: 7 days (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.
Stoving cycle:	<ul style="list-style-type: none"> • 15 min. at 150°C or 30 min. at 120°C.
Shelf life:	12 months in its closed original cans at good stores in ideal conditions.
Thinner:	<ul style="list-style-type: none"> • No. 109 for stoving conditions (PACHIN thinner). • No. 10722 for air drying conditions (PACHIN thinner).
Curing agent:	PACHIN hardener 108.
Mixing ratio:	By weight: 100 (paint) : 40 (hardener).
Pot life:	4 hrs. (at 25°C & 60% R.H.).
Method of application:	<ul style="list-style-type: none"> • By air spray: Nozzle orifice: 1.8 - 2 mm. Nozzle pressure: 3 - 5 bar.
Surface preparation:	<ul style="list-style-type: none"> • The surface should be dry and clean from dirties, oils and greases. • Sandblasting may be used if necessary.