



TARALAC®

TARA PAINTS & CHEMICALS

(An ISO 9001:2015 Certified Company)

A - 423 / 14, Mahagujarat Industrial Estate, Sarkhej - Bavla Road, Lane Behind Satyam Arcade,
Village : Moraiya, Ahmedabad - 382 210, Gujarat (India)

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1601 PU Auto Clear [4:1]

PU Metal Finish is a two-component Aliphatic Polyurethane Paint. It can be applied on all kinds of Metals, Plastics & FRP substrates. It provides a durable finish with far superior gloss, hardness & good Adhesion. This finish is usually used to coat Machinery, FRP articles, Auto Ancillaries & Commercial Vehicles.

PU forms a tough durable coat with exceptional chemical and mechanical properties. The tough coating also gives high impact resistance and allows it to absorb any dimensional changes in the substrate thus ensuring an ideal balance of functional properties. This PU is best suited for limited exposure to sunlight.

Technical Data

Surface Preparation	Metal to be coated is to be scrupulously cleaned & roughened to get better adhesion, for FRP & Plastic Surfaces application of Plastic Primer is recommended for better results. If previously coated, remove the coating by scraping or sanding. Sand the surface with emery paper no. 100 or 180 followed by emery paper no 320 or 400. Apply Primers, preferably PU primer, smoothen the surface & then apply PU Paint
Weight per Liter at 30°C	Taralac PU Auto Gloss – Base 0.96 ± 1.20 kg depending on the shade Taralac PU Auto Matt – Base 0.96 ± 1.20 kg depending on shade Taralac PU Auto Metallic – Base 0.96 ± 1.20 kg depending on the shade
Standard Follow	IS – 13213 - 2012
Test Method	IS - 101
Solids	Paint 50% - 65% (depending on shade)
Mixing Ratio	Taralac PU Base 80 parts by volume Taralac PU Hardener 20 parts by volume Taralac PU Thinner 15-30 parts by volume
Maturation Time	15 - 20 minutes
Pot-life	Approximately 2 - 4 hours at 30°C
Method of Application	Spray (For optimum performance, Taralac PU must be applied at a temp. between 20°C and 40°C and relative humidity below 75%.)
Spray Viscosity	15-20 sec on Ford Cup B4 at 30°C
Spray Pressure	30-40 p.s.i. (2.2-2.8 kg/cm ²)
No of Coats	Apply 2/3 coats of PU PRIMER and 1-2 coats of TOPCOAT P.U.PAINT
Covering Capacity	65 - 80 sq ft/ltr/coat at 30 micron DFT & may change Depending on the method of application and film thickness.
Drying Time at 30°C	Touch-dry 20 minutes Tack-free 2 hours Sanding-dry 5-6 hours Hard-dry overnight

All the information given here are as per the results obtained in laboratory & are given in good faith to guide the user but without any warranty, the actual application results might vary depending on the conditions. We are not responsible for any loss, injury or damage resulting from the use of this information



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Sanding	Sand with emery paper no. 320 or 400 between the application of successive primer and finish coats. Allow an inter-coat interval of 8 hours.
Salt Spray test 200 hrs	Passes as per IS 101
QUV Basic	Passes 500 hrs
Re-coating Time	8 hours at 30°C Not to exceed 72 hours
Gloss 60° Gloss Head	Taralac PU Auto Gloss Paint 85% minimum Taralac PU Auto Matt 15-25 % Taralac PU Auto Metallic 60% minimum
<u>Health and Safety Information</u>	
Flash Point	Non-Flammable
Fire Hazard Class	Flammable
Health Hazard Class	Harmful as it contains volatile organic solvents. Avoid contact with skin and eyes.
Safety Precautions	Work in a well-ventilated place. Protective clothing, such as overalls, hand gloves and eye goggles, are recommended.
Storage and Handling	Store in a cool dry place.
Disposal	Dispose of in landfilling. Do not dispose in any drain or water channel.

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