



# 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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## Taralac PU HS POLYURETHANE FINISH [Hi-Solid]

PU HS Paint & Clear coats are a two component Acrylic/Aliphatic polyurethane Paint which cures to a vary hard, flexible coating & gives outstanding colour retention& High Performance. This coating has exceptional resistance to Petrol, weathering and severe environment. It can be applied on all kinds of Metals, maintenance coating, Automotive OEM & Refinish in wide variety of atmospheric conditions. It provides a durable finish with far superior gloss, hardness & good Adhesion, hence it is also best suited for offshore structures, chemical and petrochemical plants, bridges, pulp and paper mills, and in the power industry.

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. PU is best suited for interior as well as exterior application.

### Technical Data

<b>Surface Preparation</b>	Surface to be coated should always be free of rust, dust, grease or oil. It should have profile of at least sa 2½ to which the paint can get adhesion. After achieving a profile of sa2½ the primer should be applied within 2 hours. The surface should be made rough with the help of abrasive material or sand blasted to achieve the desired profile. System of coating should be selected depending on the type of substrate. Apply Primers, preferably PU primer or Epoxy primers as per requirement & atmospheric condition, smoothen the surface & then apply PU Paint
<b>Weight per Liter at 30°C</b>	Taralac PU Primer – Base 1.40 ± 0.2 kg Taralac PU Hi-Gloss Paint – Base 0.96 – 1.2 ± 0.2 kg
<b>Mixing Ratio</b>	4:1 by volume
<b>Thinner</b>	Taralac PU Thinner
<b>Solids</b>	Primers 57% – 62% Paint 45% - 60% (depending on shade)
<b>Maturation Time</b>	30 minutes
<b>Pot-life</b>	Approximately 2-4 hours at 30°C
<b>Temperature Resistance</b>	300 C dry heat
<b>Salt Spray test 500 hrs</b>	Passes as per IS 101
<b>QUV Basic</b>	Passes 1000 hrs
<b>Method of Application</b>	Airless Spray, Air Spray, Brush, Roller (For optimum performance, Taralac PU must be applied at a temp. between 20°C and 40°C and relative humidity below 75%.)
<b>Spray Viscosity</b>	15-20 sec on Ford Cup B4 at 30°C
<b>Spray Pressure</b>	30-40 p.s.i. (2.2-2.8 kg/cm <sup>2</sup> )
<b>No of Coats</b>	Apply 2/3 coats of PU PRIMER and 1-2 coats of TOP COAT P.U.PAINT
<b>Covering Capacity</b>	8-10 sq mt/ltr/coat (Depending on method of application and film thickness.)
<b>Drying Time at 30°C</b>	Touch-dry 20 minutes Tack-free 2 hours Sanding-dry 5-6 hours Hard-dry overnight Complete Cure 72 hours
<b>Sanding</b>	Sand with emery paper no. 320 or 400 between application of successive primer and finish coats. Allow an inter-coat interval of 4 hours.
<b>Thinner</b>	Taralac PU Thinner
<b>Re-coating Time</b>	12 hours at 30°C Not to exceed 72 hours
<b>Gloss 60° Gloss Head</b>	Taralac PU Hi-gloss 85% minimum Taralac PU Matt 15-25 %

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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## Health and Safety Information

<b>Flash Point</b>	Non Flammable
<b>Fire Hazard Class</b>	Flammable
<b>Health Hazard Class</b>	Harmful as it contains volatile organic solvents. Avoid contact with skin and eyes.
<b>Safety Precautions</b>	Work in a well-ventilated place. Protective clothing, such as overalls, hand gloves and eye goggles, are recommended.
<b>Storage and Handling</b>	Store in a cool dry place.
<b>Disposal</b>	Dispose in land filling. Do not dispose in any drain or water channel.
<b>Self life</b>	6 Months from the date of manufacturing

### Note:

Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with Thinner. Once units of paint have been mixed they should not be resealed and it is advised that after prolonged stoppages work recommences with freshly mixed units.

Surface temperature must always be a minimum of 3°C (5°F) above dew point.

Ensure adequate ventilation. Condensation occurring during or immediately after application may result in a matt finish and an inferior film.

Premature exposure to ponding water will cause colour change, especially in dark colours and at low temperatures.

