



THE TATA PIGMENTS LTD
(An ISO 9001- 2015 certified company)
Sakchi Boulevard, Jamshedpur 831002

TECHNICAL DATA SHEET OF POLYURETHANE PAINTS

PRODUCT DESCRIPTION

Polyurethane coating provides a durable glossy finish for industrial environments. It has excellent colour and gloss retention properties. When fully cured, it forms an extremely tough and abrasion resistant finish. The product is compatible with epoxy and PU undercoats. It is made with the best quality light fast pigments, which ensures better gloss, hiding and durability. It is recommended for suitably primed interior and exterior wood, metal and walls.

PERFORMANCE FEATURES & BENEFITS

- High Gloss • Smooth Finish • Stain Resistance • Good Durability • Excellent Hardness
- Superior Brushability • Water and Alkali Resistance • Best Film Thickness • Best Adhesion
- Excellent Light Fastness

RECOMMENDED USAGE

It is recommended for all suitable primed interior and exterior wooden, masonry and metal surfaces where high standard of durability is expected.

SURFACE PREPARATION

Ensure the surface is clean, dry and free from all defective or poorly adhering material, dirt, grease, wax etc. Remove all loose or poorly adhering material using wire brush. The surface should be clean and dry before application of appropriate undercoats. Apply a suitable primer then apply two coats of TPL Polyurethane Paints.

TECHNICAL DATA

Drying time

Surface dry within 1-2 hrs*
Hard Dry within 10 hrs*



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Finish

Glossy

Theoretical Covering Capacity

13 to 15 sq. m/lt**

Flash Point

Above 30 °C

Shelf Life

1 year in sealed container kept in dry & normal temperature.

Painting Tools Required

Brush, Spray

Gloss Level

85±5 GU Degree at 60° on MS sheet when released

Usable Time of material

Within 24 Hours

Pencil Hardness

4B – 5B

Impact Resistance

120 -140 kgcm

PRECAUTIONS

- Refer to the MSDS of Polyurethane Paints for safety measures and precautions
- Store in well ambient condition and keep it away from ignition or fire



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- Keep away from children
- In case of eye/skin contact, wash with plenty of water. Inhalation is dangerous, move to fresh air and consult a doctor.
- Avoid extra thinning for better results
- The container must be tightly closed when not in use. Stir well and strain before use
- Use safety equipments like gloves, goggles and face mask

SAFTETY FEATURES

Flammable. Do not store at temperature above 30 deg C

SHADE RANGE

As per the RAL shade card

NOTE:-

****Actual coverage may vary depending on the surface porosity, surface roughness, wind velocity, temperature and application technique.**

*** Drying time is checked @27±2 °C & RH= 60 ± 5**

Mohua Singhababu

Sr. Officer (R&D)