



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

TECHNICAL DATA SHEET OF WONDER SYNTHETIC ENAMEL

PRODUCT DESCRIPTION

Wonder synthetic Enamel is a time tested and proven, high quality solvent based hi-gloss enamel paint. 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 by rubbing down using suitable abrasive paper and thereafter wipe off. Apply a suitable primer followed by Putty (If required) to make the surface uniform. Apply again a suitable primer then apply two coats of TPL wonder synthetic enamel.

TECHNICAL DATA

Drying time

Surface dry within 2-3 hrs*
Hard Dry within 12 hrs*

Finish

Glossy



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

Theoretical Covering Capacity

13.6 to 15.2 sq. m**

Flash Point

Above 30 °C

Shelf Life

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

Painting Tools Required

Brush, Spray, Roller

Gloss Level

80±5 GU Degree at 60° on MS sheet when released

Usable Time of material

Within 24 Hours

Pencil Hardness

4B – 5B

Impact Resistance

100 -120 kgcm



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

PRECAUTIONS

- Refer to the MSDS of Wonder Synthetic Enamel for safety measures and precautions
- Store in well ambient condition and keep it away from ignition or fire
- 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.
- Do not apply when ambient temperature is below 10 deg C within 4 hrs of application
- 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 Wonder Synthetic Enamel 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**

Sr. Officer (R&D)