

TECHNICAL DATA SHEET

FERONIX LACRIX ANTI RUST LACQUER



FAST DRYING

SCRATCH RESISTANT

GLOSSY FINISH

CORROSION RESISTANT

SINGLE COMPONENTS

SUPERIOR ADHESION

DURABLE METAL SURFACE PROTECTION

PRODUCT: FERONIX LACRIX (ANTI RUST LACQUER)

PRODUCT OVERVIEW:

FERONIX LACRIX is a single-component, ready-to-use lacquer coating designed for durable protective and decorative protection of metal surfaces. It provides a hard, glossy finish with excellent corrosion, scratch and weather resistance and is suitable for industrial components requiring fast drying and reliable surface protection.

PRODUCT DESCRIPTION:

FERONIX LACRIX is based on silicone-modified polymer technology for ferrous and non-ferrous metal surfaces. It provides strong adhesion, fast drying performance and a hard glossy film. The coating eliminates two-component mixing and can be applied by dipping, brush, air spray or airless spray.

KEY BENEFITS:

- Single-component and ready to use.
- No mixing required, simplifying application.
- Scratch-resistant finish with excellent metal adhesion.
- Corrosion-resistant protective coating with durable industrial finish.
- Excellent chemical-fume resistance without cracking or chipping.
- Excellent UV, weather and moisture resistance.
- Fast drying and fast curing.

RECOMMENDED APPLICATION:

Industrial Machinery	Fabricated Metal Components	Steel Structures	Engineering Equipment
Automobile Components	Machine Parts	Industrial Panels	General Metal Fabrication

Fast-drying protective lacquer for metal components requiring corrosion and scratch resistance with a durable decorative finish.

TECHNICAL DATA SHEET

Parameter	Specification
Colour	Available in Clear, Golden Yellow & Blue
Concentration	Ready to use lacquer/paint
Mixing Method	Always stir/shake well before use
Flammability	Flammable
Viscosity	25±2 cts seconds
Coating Thickness	Below 10 µm microns DFT per coat
Drying Time (air dry)	Touch Dry 05 minutes, Hard Dry 03 hours
Finish	Hard glossy and smooth (60+ @ 30°C)
Chemical Fumes Resistance	Excellent (without cracking or chipping of film)
Dry Heat Resistant	Excellent (Up-to 200°C)
U/v, Weather, Moisture Resistant	Excellent as per (B313)
Adhesion (by cross hatch method)	100% (as per IS-101)
Flexibility	Passes OT bend test
Scratch Hardness	500 gms more in 01 coat
Salt Spray test (ASTM B117)	100 hours in 01 coat single coat application
Recommend coats	Apply 01 coat for better result
Coverage Area	150–200 Sq. ft area in per liter
Surface Preparation	Clean the surface well before its application
Method of application	Dipping, brush, air spray, airless spray etc.
Shelf Life	12 months in air-tight containers
Packing & Storage	01 & 20 Liters

APPLICATION PROCESS

STAGE 1	STAGE 2	STAGE 3	STAGE 4	STAGE 5
Surface Cleaning	Surface Preparation	FERONIX LACRIX	Air Dry	Hard Dry

AVAILABLE PACK SIZES

FERONIX LACRIX is available in:

- 01 Litre
- 20 Litres

STORAGE, SAFETY & PRECAUTIONS

STORAGE CONDITIONS

Store FERONIX LACRIX in its original, tightly sealed, air-tight container in a cool, dry and well-ventilated area. Protect the product from direct sunlight, excessive heat, moisture and ignition sources.

RECOMMENDED STORAGE

Parameter	Recommendation
Storage Temperature	Refer Product Label / SDS
Storage Area	Cool, Dry & Well Ventilated
Container Condition	Keep Tightly Closed
Sunlight Exposure	Avoid Direct Sunlight
Moisture	Protect from Water & Humidity
Ignition Sources	Keep Away from Heat, Sparks & Open Flames
Shelf Life	12 months in air-tight containers

HEALTH & SAFETY PRECAUTIONS

- Read the Safety Data Sheet (SDS/MSDS) before handling the product.
- Personal Protective Equipment (PPE)
- Operators should wear appropriate protective equipment during application, including:
 - Safety Gloves
 - Safety Goggles
 - Protective Clothing
 - Organic Vapour Respirator (where ventilation is inadequate)
 - Safety Shoes

SAFE HANDLING PRACTICES

- Use only in well-ventilated areas.
- Avoid inhalation of vapours or spray mist.
- Avoid contact with eyes, skin, and clothing.
- Do not eat, drink, or smoke while handling the product.
- Wash hands thoroughly after use.
- Keep containers tightly closed when not in use.
- Keep away from ignition sources, sparks, and open flames.

FIRST AID MEASURES

Eye Contact: Immediately rinse with clean water for at least 15 minutes. Seek medical attention if irritation persists.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing before reuse.

Inhalation: Move the affected person to fresh air. If breathing difficulties continue, obtain medical attention.

Ingestion: Do not induce vomiting unless directed by medical personnel. Seek immediate medical attention.

FIRE FIGHTING MEASURES

Suitable extinguishing media include:

- Dry Chemical Powder
- Carbon Dioxide (CO₂)
- Foam
- Water Spray (for cooling surrounding containers only)

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus where necessary.

DISPOSAL

Dispose of unused product, empty containers, and contaminated materials in accordance with applicable local environmental regulations. Do not discharge lacquer into drains, watercourses, or soil.

DISCLAIMER

The information contained in this Technical Data Sheet is based on laboratory evaluations, product development data, and practical application experience available at the time of publication. Actual product performance may vary depending on substrate condition, surface preparation, application method, environmental conditions, maintenance practices, and service environment.

Users should determine product suitability through representative trials where necessary. FERONIX SURFACE SOLUTIONS may revise product specifications and this TDS as part of product development..