



Metal Etch Primer

Samson Metal Etch Primer is an anti-corrosive water-based primer offering high adhesion for new and weathered mild and galvanized metal.

Colours: White, Black, Red, Bronze & Grey

PRODUCT USES

- Universal primer for mild and galvanized steel surfaces.

ADVANTAGES

- Corrosion resistant
- Provides protection to surfaces in coastal, humid environments
- Superior adhesion
- Easy application
- Water based
- Non Flammable and environmentally friendly

THEORETICAL SPREAD RATE

- 6-7m² per litre per coat depending on substrate porosity
- With a recommended dry film thickness of 50 microns per coat.
- This is a guide only and the practical spread rate depends on substrate porosity and profile as well as technique and tools used

SURFACE PREPARATION

- Ensure all surfaces are thoroughly clean, dry and free from contaminations such as dirt, rust, salt, algae and grease using strong brush or high pressure cleaner. Allow to dry thoroughly before painting.
- **New surfaces:**
 - Clean away grease and dirt with suitable metal degreaser according to instructions.
 - Rinse thoroughly with water until a break-free surface is attained and allow to dry completely.
- **Weathered surfaces:**
 - Clean away grease and dirt with suitable metal degreaser according to instructions.
 - Remove rust by coarse sanding or wire brushing back to clean bright metal
 - Rinse thoroughly with water until a break-free surface is attained and allow to dry completely.

APPLICATION

- Apply Samson Metal Etch Primer within 4 hours to avoid re-contamination and flash rust.
- Stir Samson Metal Etch Primer thoroughly with paddle before use.
- Apply undiluted using brush or airless spray to the recommended DFT.
- Allow 4-6 hours @ 25°C drying before over coating. Drying times may vary with temperature and humidity.

CLEANING

- Hands and equipment are easily cleaned in water while wet.
- Collect spills with suitable absorbent material

IMPORTANT

- Do not apply if rain is expected.
- Samson Metal Etch Primer to be applied at temperatures between 10°C and 35°C.
- To ensure colour consistency check that the batch numbers are the same on all packaging.

SAFETY PRECAUTIONS

- Skin contact: Wash thoroughly with soap and water.
- Eye contact: Flush immediately with water and contact a physician.
- Respiratory problems: Remove affected person to fresh air immediately and contact a physician.
- Not for consumption. If swallowed, contact a doctor immediately. Do not induce vomiting. Drink water.
- Keep out of reach of children.
- Do not pour paint down the drain

TECHNICAL DATA

- Pack size 1L, 5L and 20L buckets
- Touch dry 2 hours
- Hard dry 4 hours
- Over coating time 6 hours
- Volume solids $\pm 30\%$
- Dry Film Thickness 50 microns
- Application temperature 10°C to 35°C
- Density 1.29 – 1.34 kg/l
- Finish Matt
- Toxicity Non Toxic
- Fire hazard None
- Shelf life 6-12 months (dependent on storage conditions)
- Storage Cool, dry area below 25°C

Properties listed above are for guidance only and not a guarantee on performance.

Technical details above are provided in good faith. Samson Paints are manufactured by an ISO 9001: 2015 registered company and so our products are manufactured to the highest standards using raw materials of superior quality. Consequently we believe in the quality of our products and will willingly replace any product in the unlikely event of a quality related performance failure. Whilst we are confident in guaranteeing the quality of our products, we cannot however accept any liability for performance failure due to the incorrect application of our products. Correct application is critical to the successful performance of our products and as this process falls outside of our control we are unable to cover the application under our product performance warranty. Where there are doubts, it is recommended that the user conduct their own suitability tests before use.

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