



## Samson DTM 3in1

Samson DTM 3in1 is a single component direct to metal water based paint. It offers anti-corrosive properties, good adhesion to metal substrates.

**Colours: Red, White, Black, Green and Grey**

### PRODUCT USES

- Used as a primer, undercoat and topcoat (all-in-1) on metal substrates such as iron sheets, corrugated iron sheets and galvanized iron sheets.

### ADVANTAGES

- Corrosion resistant
- Provides protection to surfaces in coastal, humid environments
- Superior adhesion
- Easy application
- Water based
- Non Flammable and environmentally friendly
- Single coat application as a primer, undercoat and topcoat

### THEORETICAL SPREAD RATE

- 6-7m<sup>2</sup> 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.
  - Wash off the Zinc coating with a galvanized iron cleaner as per instructions until a water break-free surface is attained.
  - Rinse thoroughly with water attained and allow to dry completely.
- **Weathered surfaces:**
  - Clean away grease and dirt with suitable metal degreaser according to the 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

- Stir Samson DTM 3in1 thoroughly with a paddle before use.
- Apply undiluted, using a 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 DTM 3in1 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               | 1 litre, 5 litre and 20 litre buckets         |
| • Touch dry               | 2 hours                                       |
| • Hard dry                | 4 hours                                       |
| • Over coating time       | 6 hours                                       |
| • Volume solids           | 32.00 – 35.00%                                |
| • Dry Film Thickness      | 50 microns                                    |
| • Application temperature | 10°C to 35°C                                  |
| • Viscosity               | 90.00 – 100.00Ku                              |
| • Density                 | 1.15 – 1.20 g/l                               |
| • Finish                  | Low Sheen                                     |
| • Toxicity                | Non Toxic                                     |
| • Fire hazard             | None  |
| • Shelf life              | 6-12 months (dependent on storage conditions) |
| • Storage                 | Cool, dry area below 25°C                     |
| • pH                      | 8.00 – 9.00                                   |

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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