



METALFIX 1000

DESCRIPTION:

METALFIX 1000 is a single pack water-based primer which is designed for application onto Non- rusted surfaces, such as new or clean steelwork, new or weathered aluminum, new or weathered galvanised steel, plastic, timber, etc, to form a non-toxic film. The coating is the “twin sister” to METALFIX, which is designed mainly for application over well-rusted steel, as well as for new aluminum or new galvanised steel. The METALFIX 1000 does have a slight rust converting action, and can be used over lightly rusted steel work (e.g, new steel bearing a “rust bloom”) where it cures into a tough abrasion-resistant skin which is impervious to further rusting. The coating will operate from minus 40 degrees Centigrade to over 1000 degrees Centigrade, and, if required, may be over coated with any other top coat, whether oil or water based.

MAIN BENEFITS:

Non-toxic in the dry state, can be brushed, sprayed or rolled, and no solvents are required (water clean up). May be used safely in confined spaces. No sandblasting is necessary, the paint has a quick recoating time, and the resulting paint film is highly fire retardant (See Test Certificates for A.S. 1530.3 simultaneous determination of Ignitability, Flame Propagation, Heat Release and Smoke Release).

METHOD OF APPLICATION:

Remove any flaking material from the surface using a hand wire brush, remove any oil or grease contamination. Apply the METALFIX 1000 by Brush, Roller, or Spray (airless or conventional). When spraying, reduce the yield stress in the paint by stirring with a high speed stirrer (e.g., a mixing blade in an electric drill) which lowers the viscosity to that of a conventional paint. If the paint is cold, warm to at least 25°C by immersing the container in hot water and stirring occasionally. Use large tip size and try to avoid adding water, although this may be added sparingly (e.g., 2 - 3%) to improve the paint flow. For surfaces which exhibit both severe and light rusting, after the preparation outlined above, apply the METALFIX over the areas of severe rust, and after allowing the paint to fully dry and cure, apply a coat of METALFIX 1000 over the entire surface.

PHYSICAL PROPERTIES:

Pot Life:	Not applicable
Specific Gravity:	1.40
Colour/Appearance:	Black/High viscosity paint — matt finish
Pack Sizes:	1 Litre, 5 Litre, 10 Litre, 200 Litre.
Volume Solids:	45%
Theoretical spreading rate:	Seven (7) sq/mtrs per litre (@ 60 microns DFT per coat).
Recommended Wet Film Thickness:	135 microns/coat (minimum 2 coats)
Drying Times 25°C:	Touch Dry: 15 Mins Hard Dry: 90 Mins Cured: 24 hrs for single pack
48 hrs for 2 pack top coats	
Clean up:	Water
Flash Point:	Nil (not applicable)

Wear suitable protective clothing to avoid contact with skin and eyes. Provide adequate ventilation during use and avoid breathing vapour. Do not spray in confined or poorly ventilated areas without the use of approved air supplied breathing apparatus.

FIRST AID

- Eyes:** If paint splashed in eyes, irrigate with copious amounts of clean water for 15 minutes. Seek medical aid if irritation persists.
- Skin:** If paint splashed on skin, wash affected area thoroughly with soap and water. If irritation persists seek medical aid. Remove all contaminated clothing and launder before re-use.
- Inhalation:** If affected by exposure to vapours, remove from area, keep at rest and seek medical aid if symptoms persist.
- Ingestion:** If swallowed, give glass of water to drink and seek medical assistance. **Do not** induce vomiting.

Consult separate Material Safety Data Sheet for more detailed Health and Safety information.

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