

SYN-OXIDE

TECHNICAL DATASHEET SYN-OXIDE PAINT

DESCRIPTION

SYN-OXIDE is a solvent-borne protective finish formulated for interior and exterior use. It provides a semi-gloss finish that combines excellent opacity with good weather resistance, making it particularly suitable for the long-term protection of metal and agricultural buildings.

RECOMMENDED USES



INTERIOR & EXTERIOR USE

Recommended for use on structural steel work, metal-sheeting, weathered galvanise. Particularly suitable for the long-term protection of metal and agricultural buildings.

PROPERTIES

A hard-wearing solvent-based semi-gloss finish Extremely durable. For interior/exterior use on metal. High opacity. Based on a long oil linoleic rich alkyd resin.

COVERAGE



As a guide a coverage rate of up to 15m² per litre can be achieved under normal conditions.

APPLICATION

Brush, roller, or airless spray.

Brush - No thinning normally required. Apply liberally allowing overnight drying between coats.

Roller - Use a short pile Sheepskin or Mohair roller for best results. Under normal conditions thinning is not necessary.

Airless Spray - Dependent on equipment and application conditions, thinning is not recommended. The following are recommended: Spray tip aperture: 13-15 thou (0.33-0.38mm) - Spray tip angle: 50° - 70° - Minimum working pressure: 2000psi.

This product may be spray applied but for H&S reasons related to all solvent-based paints, spray application is not recommended. As with other solvent-based paints, do not apply in temperatures below 5°C (as recommended by British Standard BS 6150).

CLEANING

Remove as much product as possible from application equipment before cleaning. Replace lid firmly. Clean equipment immediately after use with White Spirit or Turpentine substitute. Dispose of cans and waste paint in accordance with local authority guidelines.

FILM THICKNESS

Wet: circa 70µm - **Dry:** circa 35µm

SOLIDS - SPECIFIC GRAVITY

Volume Solids 46.5% (+/- 2%) Average
Weight Solids 54.7% (+/- 2%) Average
Specific Gravity 1.25 g/ml (+/- 0.1) Average

DRYING TIME

Touch Dry: 5-6 hours.
Recoat: 16 - 24 hours
Hard Dry: 48 hours



This is dependent upon temperature and humidity. Darker colors may take longer. 26°C to 50% RH @ 4 Thou wet.

PREPARATION

Suitable for use on farm buildings, hay barns, corrugated iron roofs, and all structural steel work. **SYN-OXIDE** can be used as a general-purpose protective coating on any type of normally prepared surface, so long as it is sound clean, dry, and free of contaminants. Oil and grease must be carefully removed using white spirit and clean cloths. Remove all scale and rust by scraping and wire brushing or other conventional means. If the surface has been previously painted any loose or defective paint must be completely removed back to the bare metal.

Note: Special precautions should be taken during surface preparation of pre-1960s paint surfaces over wood and metal as they may contain lead (Pb). Use in accordance with good painting practices.

COLOUR RANGE

6 colours are available:



RED RAL 3013 **DARK GREEN** RAL 6009 **GREEN** RAL 6002 **GREY** RAL 7021 **LIGHT GREY** RAL 7015 **BLACK** RAL 9005

SIZES AVAILABLE

1L, 2.5L, 5L & 20L



PRECAUTIONS



Keep out of reach of children. Ensure good ventilation during application and drying. Flammable- keep away from sources of ignition. If the product comes in contact with the eyes rinse immediately with plenty of water. To remove splashes from skin use soap and water or a recognised skin cleaner.

Do not take internally. Contains no added lead.

VOC CONTENT

Contains max VOC; 440g/l
Conforms to EU 2010
Directive (Cat A/i) 500g/l



Safety data sheet available on request.

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