



TECHNICAL DATA SHEET

STOKES MICACEOUS IRON OXIDE PAINT

Reference	Revision No	Revision Date	Printed	Page 1 of 2
IPMIO	2	24 September 2009	24 September 2009	

WWW.RJSTOKES.CO.UK MANUFACTURERS OF INDUSTRIAL, DECORATIVE & POWDER COATINGS Est 1899
Little London Road | Sheffield | S8 0UH | Tel: 0114 258 9595 | Fax: 0114 250 9836 | Email: sales@rjstokes.co.uk

Properties and Uses	<p>PROPERTIES High build primer / intermediate / finishing paint utilising the flake-like shape of the micaceous iron oxide pigment to resist the passage of water.</p> <p>USES. This paint offers a good protection when used as a primer or finish, it is more widely used as an intermediate coat over a chemically-acting zinc phosphate anti-corrosive primer (e.g. Stokes Red Oxide Zinc Phosphate Primer Ref. IP001 or Grey Zinc Phosphate Primer Ref. IP002). This type of coating is often used by specifying authorities when long life maintenance free systems are required e.g. off-shore installations, bridges, harbour installations etc.</p>
Technical Data	<p>TYPE. Long oil high build alkyd resin with Micaceous Iron Oxide.</p> <p>DRYING TIME. About 4 hours to BS3900 part C3 under normal conditions of temperature and humidity. Recoatable overnight.</p> <p>THEORETICAL SPREADING CAPACITY. Approx. 9 sq. metres per litre on smooth non-porous surfaces to achieve a dry film thickness of 55 microns.</p> <p>FLASH POINT. Between 21°C and 55°C. FLAMMABLE LIQUID.</p> <p>NON VOLATILE CONTENT By volume 49% nominal. By weight 74% nominal</p> <p>THINNERS AND CLEANING SOLVENT. Stokes White Spirit Ref. TH010.</p> <p>LEAD CONTENT. Contains no added lead.</p> <p>COLOUR RANGE. Grey IP028.</p>
Stock Container Sizes	<p>5 litre tins. Other sizes by special arrangement.</p>
Processes	<p>PREPARATION. The surface to be painted must be clean, dry and free from grease, dust, dirt, rust, peeling or loose material or any other contamination. See Stokes Data Sheet Systems for Metal. If a high standard of protection is required on bare steel, then first apply a coat of Stokes Red Oxide Zinc Phosphate Primer Ref. IP001 or Stokes Grey Zinc Phosphate Primer Ref. IP002 to the bare metal before painting with Micaceous Iron Oxide.</p> <p>FINISHING. The application of one coat of Stokes Undercoat and then two coats of Stokes Gloss Enamel Paint will give a paint system that will last for many years.</p>



TECHNICAL DATA SHEET

STOKES MICACEOUS IRON OXIDE PAINT

Reference	Revision No	Revision Date	Printed	Page 2 of 2
IPMIO	2	24 September 2009	24 September 2009	

WWW.RJSTOKES.CO.UK MANUFACTURERS OF INDUSTRIAL, DECORATIVE & POWDER COATINGS Est 1899
Little London Road | Sheffield | S8 0UH | Tel: 0114 258 9595 | Fax: 0114 250 9836 | Email: sales@rjstokes.co.uk

Application	<p>BRUSH. Supplied ready for use.</p> <p>ROLLER. Supplied ready for use.</p> <p>CONVENTIONAL SPRAY. Thin as necessary with Stokes White Spirit Ref. TH010.</p> <p>AIRLESS SPRAY. This paint should be sprayed at the highest viscosity suited to the equipment. Thin as necessary with Stokes White Spirit Ref. TH010.</p> <p>ELECTROSTATIC SPRAY. This paint should be sprayed at the highest viscosity suited to the equipment. Thin as necessary with Stokes Thinners Ref. TH010. Adjust conductivity of paint as necessary with Stokes Thinners Ref. TH009.</p>
Storage	<p>Use within 24 months of delivery. Keep in original containers until required for use. Partly used containers should be re-sealed securely and stored according to the recommended manner. (See section 7 of Stokes Material Safety Data Sheet Ref. IPMIO).</p>
Health and Safety	<p>THIS MATERIAL IS FLAMMABLE. REFER TO STOKES MATERIAL SAFETY DATA SHEET REF. IPMIO FOR FULL DETAILS OF FIRST AID, FIRE FIGHTING MEASURES, ACCIDENTAL RELEASE, HANDLING, EXPOSURE CONTROL / PERSONAL PROTECTION AND DISPOSAL.</p>
Disclaimer	<p>The above information is for guidance only. It is given in good faith but without warranty. Users should first carry out their own trials to ascertain the suitability of the product for their intended purpose.</p> <p>This Data Sheet supercedes all previous Data Sheets supplied to you relating to this product. It contains important information which must be communicated to the user. The user must satisfy himself of the suitability of the product for the intended application and surface, as surface and application conditions are beyond the control of R.J.Stokes & Co Ltd. The user must also satisfy himself of the suitability of the product in circumstances other than those set out in this data sheet. The user should also maintain appropriate control procedures. Should further information be required, please contact our Technical Department.</p> <p>R.J.Stokes & Co. Ltd. employ a policy of continuous development and the technical data could be revised as a result of experience or new information becoming available.</p>