



# TECHNICAL DATA SHEET

## STOKES LOW GLOSS QUICK DRYING ENAMEL PAINTS.

<b>Reference</b>	<b>Revision No</b>	<b>Revision Date</b>	<b>Printed</b>	<b>Page 1 of 2</b>
IS	2	1 September 1999	15 January 2008	

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<b>Properties and Uses</b>	<p>PROPERTIES</p> <p>Quick drying at room temperature and can be stoved or force dried. Good resistance to common industrial chemicals, lubricating oils etc. Attractive low gloss appearance ranging from matt to high semi-gloss. These enamels afford protection inside and outside, having good flexibility, adhesion and resistance to weather, including salt spray.</p> <p>USES.</p> <p>These enamels are ideal for use on machinery, plant, tools, metal fabrications and fittings where protective coatings of lower gloss are required. They can be used in a full system over bare metal. See Systems for Metal, or as one coat Cosmetic finish.</p>									
<b>Technical Data</b>	<p>TYPE.</p> <p>Short oil modified alkyd resin with carefully selected pigments.</p> <p>DRYING TIME.</p> <p>About 45 minutes to BS3900 part C3 under normal conditions of temperature and humidity. Recoatable in 2 hours. Handleable in 1 hour. Can be stoved or force dried at up to 120°C for « hour.</p> <p>THEORETICAL SPREADING CAPACITY.</p> <p>Approx. 12 - 13 sq. metres per litre on smooth, non-porous surfaces to achieve a dry film thickness of 25 microns (1 thou).</p> <p>FLASH POINT.</p> <p>Between 21 - 55°C. FLAMMABLE LIQUID.</p> <p>NON VOLATILE CONTENT</p> <table><tr><td></td><td>IS001</td><td>IS002</td></tr><tr><td>By volume.</td><td>30%</td><td>33% nominal.</td></tr><tr><td>By weight.</td><td>43%</td><td>49% nominal.</td></tr></table> <p>THINNERS AND CLEANING SOLVENT.</p> <p>Stokes Thinners Ref. No. TH004.</p> <p>HEAT RESISTANCE.</p> <p>Up to 150°C.</p> <p>OIL RESISTANCE.</p> <p>Good resistance to most hot and cold lubricating oils, mineral oils and cutting oils. Tests for suitability with any particular oil should be made before large scale application.</p> <p>CHEMICAL RESISTANCE.</p> <p>Good resistance to most common dilute acids and alkalis. Tests should be made for resistance to particular agents before large scale application.</p> <p>LEAD CONTENT.</p> <p>Below 0.25% on the dry film.</p> <p>COLOUR RANGE.</p> <p>Black.</p> <p>GLOSS LEVEL.</p> <p>IS001 Semi Gloss. IS002 Eggshell.</p>		IS001	IS002	By volume.	30%	33% nominal.	By weight.	43%	49% nominal.
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<b>Stock Container Sizes</b>	5 litres only.									

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<b>Processes</b>	<p><b>PREPARATION.</b> The surface to be painted must be clean, dry and free from grease, dust, dirt, rust, peeling or loose material or any contamination. See Stokes Systems for Metal. Apply a coat of Stokes Grey High Build Zinc Phosphate Primer Ref. No. IP002 or IP400 Grey High Build Zinc Phosphate Quick Drying Primer if a high standard of protection is required on bare steel.</p> <p><b>FINISHING.</b> Apply one or preferably two coats if a high standard of finish and durability is required.</p> <p><b>Warning.</b> Over previously painted surfaces test a small area to ensure that there are no lifting tendencies.</p>
<b>Application</b>	<p><b>BRUSH.</b> Supplied ready for use.</p> <p><b>DIPPING.</b> Thin as necessary with Stokes Thinners Ref. No. TH004 or TH012.</p> <p><b>CONVENTIONAL SPRAY.</b> Thin as necessary with Stokes Thinners Ref. No. TH004 or TH012.</p> <p><b>AIRLESS SPRAY.</b> Thin as necessary with Stokes Thinners Ref. No. TH004 or TH012.</p> <p><b>ELECTROSTATIC SPRAY.</b> Thin as necessary with Stokes Thinners Ref. No. TH009 to adjust the conductivity of the paint.</p>
<b>Storage</b>	<p>Use within 12 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. QDE).</p>
<b>Health and Safety</b>	<p>THIS MATERIAL IS FLAMMABLE. REFER TO STOKES MATERIAL SAFETY DATA SHEET REF. QDE FOR FULL DETAILS OF FIRST AID, FIRE FIGHTING MEASURES, ACCIDENTAL RELEASE, HANDLING, EXPOSURE CONTROLS / PERSONAL PROTECTION AND DISPOSAL.</p>
<b>Disclaimer</b>	<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 &amp; 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 &amp; 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>