

**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**

<b>Properties and Uses</b>	<p><b>PROPERTIES</b> Stokes Heat Resisting Matt Black Paint when fully cured produces a durable finish which affords protection against weather together with resistance to heat, water, dilute acids and alkalis and possesses excellent flexibility.</p> <p><b>USES</b> Stokes Heat Resisting Matt Black Paint is ideal for interior and exterior use on metal at operating temperatures up to 400°C.</p>
<b>Technical Data</b>	<p><b>TYPE</b> Silicone medium, pigmented with Black Heat Stable pigments.</p> <p><b>DRYING TIME</b> Within 1 hour. Recoatable after 1 - 2 hours. Handleable after 2 hours. The coating needs to be stoved / cured at 200°C for at least 1 hour to achieve optimum film properties or can be cured when the painted article is put into service. Note : If the coating is only air dried the weathering properties will not be obtained.</p> <p><b>THEORETICAL SPREADING CAPACITY</b> Approx. 6 sq. metres per litre on smooth non-porous surfaces to achieve dry film coating of 15 microns.</p> <p><b>FLASH POINT</b> In the range of 22 - 55°C.      <b>FLAMMABLE LIQUID.</b></p> <p><b>NON VOLATILE CONTENT</b> By volume 9.2% nominal. By weight 16.4% nominal.</p> <p><b>THINNERS AND CLEANING SOLVENT</b> Stokes Thinners Ref. TH012.</p> <p><b>HEAT RESISTANCE</b> This paint is formulated to withstand operating temperatures up to 400°C and will stand higher temperatures up to 500°C for short periods.</p> <p><b>OIL RESISTANCE</b> Good resistance, when fully cured, 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><b>LEAD CONTENT</b> No Added Lead.</p> <p>Other Colours available by special arrangement.</p>
<b>Stock Container Sizes</b>	5 litre tins.
<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 other contamination. For maximum performance steel work should be blast cleaned. Where blast cleaning is impracticable, remove dirt, grease and chemical contamination. Chip, scrape and wire brush to remove all mill scale, rust or loose material. Please refer to Stokes Data Sheet Systems for Metal. NOTE:- Priming Paint should not be used under this product.</p> <p><b>FINISHING</b> For exterior durability a dry film thickness of at least 25 microns is required. On rough and blast cleaned surfaces it is necessary to have this thickness on the peaks of the profile. Each coat of unthinned paint will give, on drying, a film thickness of approximately 15 microns.</p>



# TECHNICAL DATA SHEET

## STOKES HEAT RESISTING MATT BLACK PAINT

<b>Reference</b> AR004	<b>Revision No</b> 2	<b>Revision Date</b> 16 August 2001	<b>Printed</b> 15 January 2008	<b>Page 2 of 2</b>
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<b>Application</b>	<p>BRUSH Supplied ready for use.</p> <p>ROLLER Supplied ready for use.</p> <p>DIPPING Supplied ready for use.</p> <p>CONVENTIONAL SPRAY Thin if necessary with Stokes Thinners Ref. TH012.</p> <p>AIRLESS SPRAY Supplied ready for use.</p> <p>ELECTROSTATIC SPRAY Adjust conductivity with Stokes Thinners Ref. TH009.</p>
<b>Storage</b>	<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. AR004).</p>
<b>Health and Safety</b>	<p>THIS MATERIAL IS FLAMMABLE. REFER TO STOKES MATERIAL SAFETY DATA SHEET REF. AR004 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>