



TECHNICAL DATA SHEET

STOKES POLYURETHANE FLOOR PAINTS (GLOSS & ANTI-SLIP)

Reference PF	Revision No 1	Revision Date 8 January 1998	Printed 15 January 2008	Page 1 of 2
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WWW.RJSTOKES.CO.UK MANUFACTURERS OF INDUSTRIAL, DECORATIVE & POWDER COATINGS Est 1899
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Properties and Uses	<p>Hard wearing, durable glossy coating for both concrete and wooden floors. Suitable for use in warehouses, factories, garages etc. Good chemical resistance to dilute acids and alkalis. Low water vapour permeability. Can be applied over most other types of floor paints. Anti-slip version also available.</p>
Technical Data	<p>TYPE Polyurethane modified alkyd resin with carefully selected pigments and extenders.</p> <p>DRYING TIME Approx. 4 - 6 hours to BS3900 part C2 under normal conditions of temperature and humidity. Recoatable after overnight air drying with a further coat of this floor paint.</p> <p>THEORETICAL SPREADING CAPACITY Approximately 14 - 16 sq. metres per litre on smooth non-porous surfaces to achieve a dry film thickness of 30 microns.</p> <p>FLASH POINT In the range of 21 - 55°C FLAMMABLE LIQUID.</p> <p>NON VOLATILE CONTENT By volume 45% nominal. By weight 55% nominal.</p> <p>THINNERS AND CLEANING SOLVENT Stokes White Spirit Ref. TH010.</p> <p>OIL RESISTANCE Good resistance to most lubricating and cutting oils. Tests for suitability with any particular oil should be made before large scale application.</p> <p>LEAD CONTENT Most colours have no added lead. Any colours containing lead based pigments will be clearly labelled to that effect. If in any doubt contact our Technical Department for further information.</p> <p>COLOUR RANGE Ash Grey 00A05 Ref. PF004 Leaf Green 14C39 Ref. PF056 Battleship Grey 18B25 Ref. PF030 Golden Yellow 08E51 Ref. PF087 Red Oxide Ref. PF446 Anti-slip versions are available in the above colours: Ref PN. Other colours by special arrangement.</p>
Stock Container Sizes	<p>5 Litres. Other sizes by special arrangement.</p>



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Processes	<p>ALSO SEE STOKES TECHNICAL DATA SHEET 'PAINTING CONCRETE WITH POLYURETHANE FLOOR PAINT' REF.PFPCF FOR MORE DETAILED INFORMATION.</p> <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. If the floor is contaminated with oil, grease etc. this MUST be removed before attempting to paint. This can be carried out using a concrete floor plane, which should remove the contamination. The use of solvents to remove oil and grease is not normally satisfactory. When painting over old or power float finished concrete it may be necessary to carry out a trial to establish the suitability of the floor to accept the paint system. If there is any doubt concerning the adhesion of the paint to the concrete again it may be necessary to use a concrete floor plane and then make sure that any dust resulting from this surface pre-treatment is removed before any painting is undertaken and then follow the procedure for painting new concrete.</p> <p>PAINTING NEW AND UNPAINTED CONCRETE Before attempting to paint concrete floors first establish that the moisture content is below 14%, (this can be checked using a Protimeter). If paint is applied when the moisture content is above 14% it is possible that the paint film will become detached from the substrate because of the effect of hydrostatic pressure being developed as the concrete dries out.</p> <p>1ST COAT - Dilute Stokes Polyurethane Floor Paint, (not Anti-Slip Quality) approximately 7 parts of paint by volume with 3 parts by volume of Stokes Thinner Ref. TH010 and thoroughly stir before use. Apply an even coat of this blend by either brush or roller (preferably not a foam type roller) in order that this both thoroughly 'wets' and binds any pores of the concrete. This coat of paint both seals and stabilises the substrate. Allow the first coat to dry for at least 24 hours before attempting to apply the second coat. Ensure that the area painted is well ventilated, this will assist with the</p>
Application	<p>BRUSH AND ROLLER Supplied ready for use. Only thin to ease application or if using paint as a first coat as instructed in process section of the data sheet.</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. PF/PN).</p>
Health and Safety	<p>THIS MATERIAL IS FLAMMABLE. REFER TO STOKES MATERIAL SAFETY DATA SHEET REF. PF/PN FOR FULL DETAILS OF FIRST AID, FIRE FIGHTING, ACCIDENTAL RELEASE, HANDLING, EXPOSURE CONTROLS / 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>