



# TECHNICAL DATA SHEET

## ACE VINYL PAINTS FOR NEW GALVANISED STEEL

<b>Reference</b>	<b>Revision No</b>	<b>Revision Date</b>	<b>Printed</b>	<b>Page 1 of 2</b>
MIO VINYL	1	20th July 2015	20th July 2015	

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<b>Properties and Uses</b>	<p><b>PROPERTIES</b>                  ACE Quick Drying Vinyl Paints for new Galvanised Steel exhibit good water and chemical resistance. Supplied as single pack paint for either brush or spray application. Excellent adhesion to new galvanised steel is obtained with paints from this product range.                  The high build properties and lamellar pigmentation ensure a high degree of protection against erosion due to weathering.</p> <p><b>USES</b>                  Protection of new galvanised steel structures against atmospheric attack thus prolonging their life. Typical applications include gates, railings, street furniture and general industrial plant.                  A specification is available upon request for on site painting of galvanised lighting columns.</p>
<b>Technical Data</b>	<p><b>TYPE</b>                  Vinyl Resin pigmented with Micaceous Iron Oxide , Zinc Phosphate and other carefully selected pigments and extenders.</p> <p><b>DRYING TIME</b>                  Touch dry within 1 hour, hard dry within 24 hours to BS 3900 Part C2 under normal conditions of temperature and humidity. Recoatable after 3 hours</p> <p><b>THEORETICAL SPREADING CAPACITY</b>                  Approx. 5 - 6 sq. metres per litre (varies according to colour) to achieve a dry film thickness of 75 microns on smooth non-porous surfaces.</p> <p><b>FLASH POINT</b>                  In the range 21 - 55°C.</p> <p><b>NON VOLATILE CONTENT</b>                  By volume 38 - 43% (Varies depending on the colour of the paint)                  By weight 52 - 69%</p> <p><b>THINNERS AND CLEANING SOLVENT</b>                  ACE Thinners Ref. TH004 or TH012</p> <p><b>HEAT RESISTANCE</b>                  Suitable for use up to temperatures of 65°C</p> <p><b>OIL RESISTANCE</b>                  Good resistance to most lubricating and industrial oils. Tests for suitability with any particular oil should be made before large scale application.</p> <p><b>CHEMICAL RESISTANCE</b>                  Good resistance to most common dilute acids and alkalis. Tests should be carried out for resistance to particular reagents before attempting large scale application.</p> <p><b>LEAD CONTENT</b>                  Below 0.25% on the dry film.</p>
<b>Stock Container Sizes</b>	<p>5 Litre tins.                  Other sizes by special arrangement.</p>
<b>Processes</b>	<p><b>PREPARATION</b>                  The new galvanised steel must be free from white zinc salts, grease, dust, dirt or any other form of contamination.</p> <p><b>FINISHING</b>                  This paint may be used as a single coat finish or can be overcoated with a second coat after 3 hours. If a gloss finished is desired then a coat of ACE Decorative Gloss Enamel can be applied after 3 hours drying.</p>



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<b>Application</b>	<p>BRUSH Supplied ready for use. Stir well before use.</p> <p>CONVENTIONAL SPRAY Thin as necessary with ACE Thinners Ref. TH004 or TH012</p> <p>AIRLESS SPRAY Thin if required with ACE Thinners Ref. TH004 or TH012</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 ACE Material Safety Data Sheet Ref.MVPMIO).</p>
<b>Health and Safety</b>	<p>THIS MATERIAL IS FLAMMABLE. REFER TO ACE MATERIAL SAFETY DATA SHEET REF.MVPMIO FOR FULL DETAILS OF FIRST AID, FIRE FIGHTING, 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 ACE Coatings 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>ACE Coatings 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>