



Universal Coatings (Pty) Ltd | Reg No: 1982/10922/07

# ENAMEL HIGH GLOSS

PRODUCT CODE: ENM00

TECHNICAL DATA SHEET

NOVEMBER 2016.R3

<ul style="list-style-type: none"> <li>• <b>Product Description</b></li> </ul>	<ul style="list-style-type: none"> <li>• Classical, long oil, alkyd based, long-life, interior / exterior, enamel high gloss coating.</li> </ul>										
<ul style="list-style-type: none"> <li>• <b>Application Areas</b></li> </ul>	<ul style="list-style-type: none"> <li>• Interior and exterior use.</li> <li>• Ideal finish for public buildings on doors, windows and walls of public conveniences in factories and workshops.</li> <li>• Primed plaster and concrete (interior walls only), hardboard and fibre cement walls as well as other man made fibre products.</li> <li>• Primed metal and wooden substrates.</li> </ul>										
<ul style="list-style-type: none"> <li>• <b>Product Features</b></li> </ul>	<ul style="list-style-type: none"> <li>• Based on an alkyd resin with good UV light stability and excellent gloss retention.</li> <li>• Dries to a hard surface, is scratch resistant and easy to clean.</li> <li>• For high traffic interior and exterior areas that need a highly washable and durable coating in a wide range of Colours.</li> <li>• Highly washable / cleanable. Resistant to general-purpose household detergents.</li> <li>• Excellent adhesion to range of properly prepared substrates.</li> <li>• High hiding power and film build.</li> <li>• The coating stays flexible for long periods, which is essential for use on exterior woodwork.</li> <li>• Two coats of <b>Universal High Gloss Enamel</b> are applied for best results.</li> </ul>										
<ul style="list-style-type: none"> <li>• <b>Product Data</b></li> </ul>	<table border="1"> <tr> <td><b>Resin Base</b></td> <td> <ul style="list-style-type: none"> <li>• Alkyd resin, long oil type</li> </ul> </td> </tr> <tr> <td><b>Drying Time</b></td> <td> <ul style="list-style-type: none"> <li>• Touch dry: ± 4-6 hours</li> <li>• Hard dry: 16-18 hours</li> </ul> </td> </tr> <tr> <td><b>Film Thickness</b></td> <td> <ul style="list-style-type: none"> <li>• 30-40 microns</li> </ul> </td> </tr> <tr> <td><b>Spreading Rate</b></td> <td> <ul style="list-style-type: none"> <li>• 8-12 m<sup>2</sup> /litre.</li> <li>• Although the spreading rate will vary with porosity and type of substrate, for uncoated new surfaces work on 8-10 m<sup>2</sup> /litre for the first coat and 10-12m<sup>2</sup> /litre for subsequent coats and when applied to sealed, previously painted substrates.</li> </ul> </td> </tr> <tr> <td><b>Surface Appearance</b></td> <td> <ul style="list-style-type: none"> <li>• Shiny high gloss</li> </ul> </td> </tr> </table>	<b>Resin Base</b>	<ul style="list-style-type: none"> <li>• Alkyd resin, long oil type</li> </ul>	<b>Drying Time</b>	<ul style="list-style-type: none"> <li>• Touch dry: ± 4-6 hours</li> <li>• Hard dry: 16-18 hours</li> </ul>	<b>Film Thickness</b>	<ul style="list-style-type: none"> <li>• 30-40 microns</li> </ul>	<b>Spreading Rate</b>	<ul style="list-style-type: none"> <li>• 8-12 m<sup>2</sup> /litre.</li> <li>• Although the spreading rate will vary with porosity and type of substrate, for uncoated new surfaces work on 8-10 m<sup>2</sup> /litre for the first coat and 10-12m<sup>2</sup> /litre for subsequent coats and when applied to sealed, previously painted substrates.</li> </ul>	<b>Surface Appearance</b>	<ul style="list-style-type: none"> <li>• Shiny high gloss</li> </ul>
<b>Resin Base</b>	<ul style="list-style-type: none"> <li>• Alkyd resin, long oil type</li> </ul>										
<b>Drying Time</b>	<ul style="list-style-type: none"> <li>• Touch dry: ± 4-6 hours</li> <li>• Hard dry: 16-18 hours</li> </ul>										
<b>Film Thickness</b>	<ul style="list-style-type: none"> <li>• 30-40 microns</li> </ul>										
<b>Spreading Rate</b>	<ul style="list-style-type: none"> <li>• 8-12 m<sup>2</sup> /litre.</li> <li>• Although the spreading rate will vary with porosity and type of substrate, for uncoated new surfaces work on 8-10 m<sup>2</sup> /litre for the first coat and 10-12m<sup>2</sup> /litre for subsequent coats and when applied to sealed, previously painted substrates.</li> </ul>										
<b>Surface Appearance</b>	<ul style="list-style-type: none"> <li>• Shiny high gloss</li> </ul>										
<ul style="list-style-type: none"> <li>• <b>Application Details</b></li> </ul>											
<ul style="list-style-type: none"> <li>• <b>Mixing</b></li> </ul>	<ul style="list-style-type: none"> <li>• Always stir well before use with a flat paddle.</li> </ul>										
<ul style="list-style-type: none"> <li>• <b>Application Method</b></li> </ul>	<ul style="list-style-type: none"> <li>• Brush, mohair paint roller or foam roller.</li> </ul>										
<ul style="list-style-type: none"> <li>• <b>Thinning</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Universal High Gloss Enamel</b> is ready for use un-thinned; thinning with <b>Universal Mineral Turpentine</b> will reduce its hiding power.</li> </ul>										
<ul style="list-style-type: none"> <li>• <b>Cleaning</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Universal Mineral Turpentine.</b></li> </ul>										



Universal Coatings (Pty) Ltd | Reg No: 1982/10922/07

# ENAMEL HIGH GLOSS

PRODUCT CODE: ENM00

TECHNICAL DATA SHEET

NOVEMBER 2016.R3

<ul style="list-style-type: none"> <li>• <b>Application</b></li> </ul>	<ul style="list-style-type: none"> <li>• Stir well before use.</li> <li>• Two coats of <b>Universal High Gloss Enamel</b> are applied for best results.</li> <li>• <b>Universal High Gloss Enamel</b> is ready for use un-thinned; thinning will reduce its hiding power.</li> <li>• Do not add thinner for brush or roller application.</li> <li>• With brush, mohair roller, airless spray or foam roller, apply a generous coat of <b>Universal High Gloss Enamel</b>.</li> <li>• Allow to dry 18-24 hours before recoating.</li> <li>• Apply a second generous coat of <b>Universal High Gloss Enamel</b></li> <li>• Clean up application equipment with <b>Universal Mineral Turpentine</b> Only apply in ventilated areas, keep away from all ignition sources, flames and sparks.</li> <li>• Do not eat, drink or smoke while applying.</li> <li>• Do not apply before 9:00Hr and after 16:00Hr in winter.</li> <li>• Although the spreading rate will vary with porosity and type of substrate, for uncoated new surfaces work on 8-10m<sup>2</sup> / litre for the first coat and 10-12m<sup>2</sup> /litre for subsequent coats and when applied to sealed, previously painted substrates.</li> <li>• Do not apply exterior if it looks like rain will occur within 4-6 hours of application.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Surface Preparation</b></li> </ul>	
<ul style="list-style-type: none"> <li>• <b>Mild Steel (Renovation)</b></li> </ul>	<ul style="list-style-type: none"> <li>• Affected areas need to be cleaned back to bright metal with <b>Universal Zinc Cleaner</b> and then spot primed with <b>Universal Undercoat or Universal Galvanised Primer</b>.</li> <li>• For use in coastal regions apply two coats of <b>Universal Galvanised Primer</b>.</li> <li>• Apply one coat of <b>Universal Undercoat</b>.</li> <li>• With brush, mohair roller, airless spray or foam roller, apply a generous coat of <b>Universal High Gloss Enamel</b>.</li> <li>• Allow to dry 18-24 hours before recoating.</li> <li>• Apply a second generous coat of <b>Universal High Gloss Enamel</b>.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Mild Steel (New)</b></li> </ul>	<ul style="list-style-type: none"> <li>• Degrease surfaces with <b>Universal Degreaser</b> to remove the manufacturer's grease protective layer. This process is repeated until the surface is water break free.</li> <li>• After drying, the whole substrate is coated with <b>Universal Galvanised Primer</b>.</li> <li>• Apply one coat of <b>Universal Undercoat</b>.</li> <li>• With brush, mohair roller, airless spray or foam roller, apply a generous coat of <b>Universal High Goss Enamel</b>.</li> <li>• Allow to dry 18-24 hours before recoating.</li> <li>• Apply a second generous coat of <b>Universal High Gloss Enamel</b>.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Aluminum, Copper, Brass</b></li> </ul>	<ul style="list-style-type: none"> <li>• The surface must be free from grease and oil.</li> <li>• Prime the surface with one coat of Etch Primer. The primer should be applied rather thin – a coating of 15-20 microns is sufficient.</li> <li>• With brush, mohair roller, airless spray or foam roller, apply a generous coat of <b>Universal High Gloss Enamels</b>.</li> <li>• Allow to dry 18-24 hours before recoating.</li> <li>• Apply a second generous coat of <b>Universal High Gloss Enamel</b>.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Fibre Cement Surfaces</b></li> </ul>	<ul style="list-style-type: none"> <li>• Remove dust, foreign material, fungal and algae growth.</li> <li>• If friable or powdery, seal with <b>Universal Pigmented Plaster Primer</b>.</li> </ul>



Universal Coatings (Pty) Ltd | Reg No: 1982/10922/07

# ENAMEL HIGH GLOSS

PRODUCT CODE: ENM00

TECHNICAL DATA SHEET

NOVEMBER 2016.R3

<p><b>(Uncoated, Weathered or New)</b></p>	<ul style="list-style-type: none"> <li>• With brush, mohair roller, airless spray or foam roller, apply a generous coat of <b>Universal High Gloss Enamel</b>.</li> <li>• Allow to dry 18-24 hours before recoating.</li> <li>• Apply a second generous coat of <b>Universal High Gloss Enamel</b>.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Raw / New Plaster</b></li> <li>• <b>Dry, Uncoated Concrete Surfaces</b></li> </ul> <p><b>(Interior Walls Only)</b></p>	<ul style="list-style-type: none"> <li>• Make sure surface is firm and completely dry.</li> <li>• Remove all dust, foreign material, fungal and algae growth.</li> <li>• Apply one coat of <b>Universal Pigmented Plaster Primer</b>.</li> <li>• Repair any cracks, holes and blemishes with <b>Universal Acrylic Crack Filler</b>.</li> <li>• Sand well and remove dust.</li> <li>• Apply one coat of <b>Universal Bonding Liquid</b> to cover <b>Universal Acrylic Crack Filler</b>.</li> <li>• With brush, mohair roller, airless spray or foam roller, apply a generous coat of <b>Universal High Gloss Enamel</b>.</li> <li>• Allow to dry 18-24 hours before recoating.</li> <li>• Apply a second generous coat of <b>Universal High Gloss Enamel</b>.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Previously Painted Surfaces</b></li> </ul> <p><b>(Interior Walls Only)</b></p>	<ul style="list-style-type: none"> <li>• Make sure old paint coatings are firm and solid.</li> <li>• Remove all loose, flaking and bubbling paint.</li> <li>• Remove all dust, grease, foreign material, fungal and algae growth.</li> <li>• Sand glossy coatings until reasonably matt.</li> <li>• Repair any cracks, holes and blemishes with <b>Universal Acrylic Crack Filler</b>.</li> <li>• Apply one coat of <b>Universal Bonding Liquid</b> to cover <b>Universal Acrylic Crack Filler</b>.</li> <li>• Allow to dry.</li> <li>• After drying over night, all primed areas and previously painted areas must be undercoated with <b>Universal Undercoat</b> for all surfaces.</li> <li>• Apply two coats of <b>Universal High Gloss Enamel</b>.</li> </ul> <p><u>Existing PVA and Eggshell paint</u></p> <ul style="list-style-type: none"> <li>• Apply <b>Universal High Gloss Enamel</b> directly onto existing PVA and Eggshell paint surfaces.</li> <li>• No preparation is required.</li> </ul> <p><u>Existing high gloss paint</u></p> <ul style="list-style-type: none"> <li>• Sand existing gloss finish until reasonably matt.</li> <li>• Remove all dust with a moist cloth.</li> <li>• With brush, mohair roller, airless spray or foam roller, apply a generous coat of <b>Universal High Gloss Enamel</b>.</li> <li>• Allow to dry 18-24 hours before recoating.</li> <li>• Apply a second generous coat of <b>Universal High Gloss Enamel</b>.</li> </ul>



Universal Coatings (Pty) Ltd | Reg No: 1982/10922/07

# ENAMEL HIGH GLOSS

PRODUCT CODE: ENM00

TECHNICAL DATA SHEET

NOVEMBER 2016.R3

<ul style="list-style-type: none"> <li>• <b>Soft Board, Gypsum Board, Wood Fibre Boards, Wall Partitioning, Solid Wood</b></li> </ul>	<ul style="list-style-type: none"> <li>• Make sure substrate is free of dust and clean.</li> <li>• Sand if rough.</li> <li>• For interior use, apply one coat of <b>Universal Undercoat</b>.</li> <li>• For exterior use and on untreated wood, apply one coat of <b>Universal Pinkwood Primer</b>.</li> <li>• Repair any damage with <b>Universal Acrylic Crack Filler</b>.</li> <li>• Sand well and remove dust.</li> <li>• Apply one coat of <b>Bonding Liquid</b> to cover <b>Universal Acrylic Crack Filler</b>.</li> <li>• With brush, mohair roller, airless spray or foam roller, apply a generous coat of <b>Universal High Gloss Enamel</b>.</li> <li>• Allow to dry 18-24 hours before recoating.</li> <li>• Apply a second generous coat of <b>Universal High Gloss Enamel</b>.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Outside Wood Surfaces</b></li> </ul>	<ul style="list-style-type: none"> <li>• Make sure wood is clean, free of dust and smooth.</li> <li>• Sand if rough.</li> <li>• Prime wood with one coat of <b>Universal Pinkwood Primer</b>.</li> <li>• Should the wood surface be rough after the application of the primer and undercoat, sand well to a smooth surface.</li> <li>• With brush, mohair roller, airless spray or foam roller, apply a generous coat of <b>Universal High Gloss Enamel</b>.</li> <li>• Allow to dry 18-24 hours before recoating.</li> <li>• Apply a second generous coat of <b>Universal High Gloss Enamel</b>.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Colour Range and Quantities</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Universal High Gloss Enamel</b> is available in a range of popular ready mixed colours. Available in 1ℓ &amp; 5ℓ</li> <li>• White, Eggshell White &amp; Silver in 1ℓ, 5ℓ &amp; 20ℓ.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Precautions</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Universal High Gloss Enamel</b> is highly flammable and has a flashpoint of 37° Celsius.</li> <li>• Use only in well ventilated areas and do not eat, drink or smoke during application.</li> <li>• This product contains no harmful or toxic solvents or substances.</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Disclaimer</b></li> </ul>	<p><b>Universal Paints</b> cannot be held liable if the product fails due to improper surface preparation or application.</p>
<p><b>Universal Coatings (PTY) LTD</b> Reg No. 1982/10922/07</p>	
<p><b>19 Staal Street</b> <b>Kya Sands, Randburg</b> <b>South Africa</b></p>	<p><b>Tel. +(27) 11- 462 4284</b> <b>www.universalphaints.co.za</b></p>