



# UNIVERSAL HIGH GLOSS ENAMEL PRODUCT CODE: ENM00

## TECHNICAL DATA SHEET

JULY 2019 REVISION 4

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### PRODUCT DESCRIPTION

Universal High Gloss Enamel is a classical long oil alkyd based coating

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### PRODUCT FEATURES AND BENEFITS

For interior and Exterior on all primed new and previously coated surfaces i.e. walls, furniture, doors, kitchen cupboards, window frames and door frames

Excellent adhesion

Good UV light stability and excellent gloss retention

Highly Washable and scratch resistance

Good Hiding Power and film build

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### PRODUCT INFORMATION

<b>Colour</b>	White, Standard Colours and tint bases
<b>Surface Appearance</b>	High gloss finish
<b>Resin Base</b>	Long oil Alkyd
<b>Solids Content</b>	By volume: Approx. 46%
<b>VOC Content</b>	High VOC content 25% to 50%
<b>Spreading Rate</b>	Theoretical Spreading Rate: 13,7m <sup>2</sup> /litre @ 35 µm DFT Practical Spreading Rate: 7,8m <sup>2</sup> /litre @ 35 µm DFT
<b>Recommend WFT &amp; DFT</b>	65 – 87 µm WFT depending on the surface, porosity, profile and application Method  30 – 40 µm DFT depending on the surface, porosity, profile and application Method
<b>Pack Sizes</b>	Available in 1ℓ, 5ℓ (20ℓ only white)



## APPLICATION INFORMATION

<b>Application Conditions</b>	Surface Temperatures at 23°C Relative Humidity 50%
<b>Recoating Time</b>	16-18 hours to dry before over coating
<b>Application Methods</b>	Brush, Roller or Airless Spray
<b>Thinner</b>	Is ready for use, do not thin. For spray application only thin by 10% using Universal Mineral Turpentine
<b>Cleaning of equipment</b>	Universal Mineral Turpentine

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## SURFACE PREPARATION

### **NEW SURFACES CEMENT PLASTER, CONCRETE, GYPSUM PLASTER, PRECAST, RHINOLITE, FIBRE CEMENT**

The substrates must be clean, dry and sound and free of any contaminants.

Remove all dust, foreign material, fungal and algae growth, which should be treated with Universal Paints Fungal Wash.

Fill and seal all visible cracks with Universal Paints Acrylic Crack Filler (not more than 3mm).

Sand well and remove dust.

Prime using the Universal Water Based Primer (allowing 4 hours to dry) or Universal Pigmented Primer (allowing 16 hours to dry) or Universal Bonding Liquid (allowing 24 hours to dry however it must be overcoated within 72 hours).

Apply 2 coats Universal High Gloss Enamel allowing 16-18 hours to dry in between coats.

### **PREVIOUSLY COATED SURFACES CEMENT PLASTER, CONCRETE, GYPSUM PLASTER, PRECAST, RHINOLITE, FIBRE CEMENT**

The substrates must be clean, dry and sound and free of any contaminants.

Remove all loose and flaking paint and sand existing coating.

Remove all dust, foreign material, fungal and algae growth, which should be treated with Universal Paints Fungal Wash.

Fill and seal all visible cracks with Universal Paints Acrylic Crack Filler (not more than 3mm).

Sand well and remove dust.

Spot prime using Universal Water Based Primer (allowing 4 hours to dry) or Universal Pigmented Primer (allow 16 hours to dry) or Universal Bonding Liquid (allowing 24 hours to dry however it must be overcoated within 72 hours) to all bare and repaired areas.

Apply 2 coats Universal High Gloss Enamel allowing 16-18 hours to dry in between coats.



### **NEW SURFACES MILD STEEL AND GALVANISED STEEL**

The substrates must be clean, dry and sound and free of any contaminants.

Degrease surfaces with Universal Paints Zinc Cleaner (Degreaser) to remove the manufacturer's grease protective layer. This process is repeated until the surface is water break free.

After drying, the Mild Steel substrate is coated with Universal Paints Galvanised Primer allow 24 hours to dry or Universal Red Oxide Quick-Dry Primer allowing 6 hours drying. On Galvanised Steel use Universal Galvanised Primer allowing 24 hours to dry.

Apply 2 coats of Universal High Gloss Enamel allowing 16-18 hours to dry in between coats.

### **PREVIOUSLY COATED SURFACES MILD STEEL AND GALVANISED STEEL**

The substrates must be clean, dry and sound and free of any contaminants.

Remove all loose and flaking paint and sand existing coating.

Rusted areas need to be cleaned back to bright metal and spot primed the Mild Steel substrate is coated with Universal Paints Galvanised Primer allow 24 hours to dry or Universal Red Oxide Quick-Dry Primer allowing 6 hours drying. On Galvanised Steel use Universal Galvanised Primer allowing 24 hours to dry.

Apply 2 coats of Universal High Gloss Enamel allowing 16 -18 hours to dry in between coats.

### **NEW SURFACES WOOD**

The substrates must be clean, dry and sound and free of any contaminants.

Remove all dust, foreign material, fungal and algae growth, which should be treated with Universal Paints Fungal Wash.

Prime using Universal Pinkwood Primer allowing 16 hours to dry time.

Apply 2 coats Universal High Gloss Enamel allowing 16-18 hours to dry in between coats.

### **PREVIOUSLY COATED SURFACES WOOD**

The substrates must be clean, dry and sound and free of any contaminants.

Remove all loose and flaking paint and sand existing coating.

Remove all dust, foreign material, fungal and algae growth, which should be treated with Universal Paints Fungal Wash.

Spot prime using Universal Pinkwood Primer to all bare and repaired areas allowing 16 hours drying.

Apply 2 coats Universal High Gloss Enamel allowing 16-18 hours to dry in between coats.



## PRECAUTIONS

For detailed safety information please refer to Material Safety Data Sheet

Keep out of reach of children, flames and sparks

This product contains high levels of VOC

Only use in well ventilated areas and do not eat, drink or smoke whilst using this product

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## DISCLAIMER

Universal Paints cannot be held liable if the product fails due to improper surface preparation or application