



# UNIVERSAL VELVATHANE NON-DRIP ENAMEL PRODUCT CODE: VND00

## TECHNICAL DATA SHEET

JULY 2019 REVISION 4

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### PRODUCT DESCRIPTION

Universal Velvathane Non-Drip Enamel is a classical modified alkyd/urethane based interior, satin sheen coating for high traffic and humid areas.

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### PRODUCT FEATURES AND BENEFITS

For interior for all primed new and previously coated surfaces including kitchens and bathrooms

Excellent non-drip application properties

Good flow and levelling properties

Chip Resistant

Highly washable and durable

Excellent adhesion

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### PRODUCT INFORMATION

<b>Colour</b>	White, Black and tint bases
<b>Surface Appearance</b>	Mid Sheen
<b>Resin Base</b>	Alkyd/Urethane
<b>Solids Content</b>	By volume: Approx. 56%
<b>VOC Content</b>	Very High VOC content more than 50%
<b>Spreading Rate</b>	Theoretical Spreading Rate: 16m <sup>2</sup> /litre @ 35 µm DFT Practical Spreading Rate: 9,1m <sup>2</sup> /litre @ 35 µm DFT
<b>Recommend WFT &amp; DFT</b>	54 - 71 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



## APPLICATION INFORMATION

<b>Application Conditions</b>	Surface Temperatures at 23°C Relative Humidity 50%
<b>Recoating Time</b>	18 – 24 hours to dry before over coating
<b>Application Methods</b>	Brush or Roller
<b>Thinner</b>	Is ready for use, do not thin.
<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 Velvathane Non-Drip Enamel allowing 18-24 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 Velvathane Non-Drip Enamel allowing 18 – 24 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 Velvathane Non-Drip allowing 18-24 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 prime 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 Velvathane Non-Drip Enamel allowing 18-24 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 Pink Wood Primer allowing 16 hours drying.

Apply 2 coats Universal Velvathane Non-Drip Enamel allowing 18-24 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 Velvathane Non-Drip Enamel allowing 18-24 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 very 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