



UNIVERSAL ENAMEL QUICK-DRY PRODUCT CODE: ENMQD

TECHNICAL DATA SHEET

APRIL 2024 REVISION 1

PRODUCT DESCRIPTION

Universal High Gloss Enamel is a classical alkyd based coating

PRODUCT FEATURES AND BENEFITS

For interior and exterior on all primed new and previously coated metal and wooden surfaces

Good durability

Highly washable

Excellent adhesion

Good Hiding Power

PRODUCT INFORMATION

Colour	White, Standard Colours
Surface Appearance	Gloss finish
Resin Base	Alkyd Based
Solids Content	By volume: Approx. 46%
VOC Content	Very High VOC content more than 50%
Spreading Rate	Theoretical Spreading Rate: 7,8m²/litre @ 30µm DFT Practical Spreading Rate: 4,6m²/litre @ 30µm DFT Our spreading rate is calculated per coat on a smooth surface. This is a guide only. The rate will vary depending on the porosity and profile of the substrate. Tools used and application technique/ method will also have an impact on spreading rate.
Recommend WFT & DFT	65 – 87 µm WFT depending on the surface, porosity, profile and application method 25 – 35 µm DFT depending on the surface, porosity, profile and application method
Pack Sizes	Available in 1ℓ, 5ℓ (20ℓ only white)
Storage and Packaging	Store away from direct sun, heat and severe cold Ensure the container is tightly sealed before storing. If not sealed properly and exposed to extreme temperatures, it will lead to defects such as product fouling, skinning, crystallizing and will have hard settlement.



APPLICATION INFORMATION

Always maintain a wet edge and avoid downing tools during the application to prevent lap marks and variances in colour or texture.

Work from corner to corner, or from one natural cut off point to the next. Do not attempt to touch up areas, completely repaint the whole area.

APPLICATION DETAILS

Mixing	Stir thoroughly with a flat paddle until homogeneous
Application Conditions	Surface Temperatures at 23°C Relative Humidity <50%
Recoating Time	4-6 hours to dry before over coating
Application Methods	Brush, Roller or Airless Spray
Thinner	Is ready for use, do not thin. For spray application only thin by 10% using Lacquer Thinners
Cleaning of equipment	Lacquer Thinners

SURFACE PREPARATION

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 4-6 hours to dry or Universal Red Oxide Quick-Dry Primer allowing 4-6 hours to dry. On Galvanised Steel Use Universal Galvanised Primer allowing 4-6 hours to dry.

Apply 2 coats of Universal Enamel Quick-Dry allowing 4-6 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 16-24 hours to dry

Apply 2 coats Universal Enamel Quick-Dry allowing 4-6 hours to dry in between coats



CAUTIONS

To ensure colours on the project are consistent, always check the batch numbers and product codes are the same on every container. If batch numbers are different, try mixing all the batches together in a large container so that there is colour consistency.

It is preferable to buy all the paint you need at one time and in the largest possible pack size for convenience and to reduce the chances of slight colour variations between batches

The correct surface preparation is critical to ensure optimum performance of the paint system

Avoid painting during inclement weather

Don't wash, or wet, painted surfaces for 7 days after painting

High humidity will retard the drying and curing

Procedure to change a system from solvent to water based OR water to solvent based.

1. Sand surface slightly with fine sandpaper to break down the existing surface to a matt finish.
2. Dust off any loose dirt contaminants.
3. Clean the surface with soap solution.
4. Rinse well with clean water.
5. Allow the surface to dry completely.
6. Apply one coat of universal undercoat.
7. Apply two coats of the selected topcoat (solvent or water based).

SAFETY PRECAUTIONS

For detailed safety information please refer to Material Safety Data Sheet

Keep out of reach of children, flames and sparks

This product is lead free, contains very high levels of VOC

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

Empty containers are suitable for recycling. But caution must be exercised in the disposal of used containers

DISCLAIMER

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