



UNIVERSAL FLOORCOAT URETHANE PRODUCT CODE: FLO00

TECHNICAL DATA SHEET

JULY 2019 REVISION 4

PRODUCT DESCRIPTION

Universal Floorcoat Urethane is a classical urethane based floor coating

PRODUCT FEATURES AND BENEFITS

For interior concrete and metal floors which have been primed

High abrasion resistance

Alkali resistance

Resists mild acids and normal engine oil (not brake fluid resistant)

Excellent adhesion

Excellent flow and levelling properties

Highly washable

Good Hiding Power and film build

PRODUCT INFORMATION

Colour	Standard colours
Surface Appearance	Semi-gloss finish (which dissipates over time)
Resin Base	Classical Urethane
Solids Content	By volume: Approx. 45%
VOC Content	High VOC content 25% to 50%
Spreading Rate	Theoretical Spreading Rate: 11,3m ² /litre @ 40 µm DFT Practical Spreading Rate: 6,5m ² /litre @ 40 µm DFT
Recommend WFT & DFT	78 – 100 µm WFT depending on the surface, porosity, profile and application method 35 – 45 µm DFT depending on the surface, porosity, profile and application Method
Pack Sizes	Available in 1ℓ, 5ℓ



APPLICATION INFORMATION

Application Conditions	Surface Temperatures at 23°C Relative Humidity 50%
Recoating Time	16-18 hours drying time 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 Universal Mineral Turpentine
Cleaning of equipment	Universal Mineral Turpentine

SURFACE PREPARATION

NEW SURFACES CONCRETE

The substrates must be clean, dry and sound and free of laitance (high speed diamond grind to remove laitance).

Remove all dust, foreign material, and traces of oil.

If the floor is very smooth, acid wash with a 30% solution of hydrochloric acid.

Wash off all traces of acid, wash and allow to dry for at least 3 days.

Apply 2 coats Universal Floorcoat Urethane allowing 16-18 hours to dry in between coats.

PREVIOUSLY COATED SURFACES CONCRETE

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.

Sand well and remove dust.

Apply 2 coats Universal Floorcoat Urethane allowing 16-18 hours to dry in between coats.

NEW SURFACES MILD 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 whole Mild Steel substrate is coated with Universal Paints Galvanised Primer allowing 24 hours drying or Universal Red Oxide Quick-Dry Primer allowing 6 hours to dry

Apply 2 coats of Universal Floorcoat Urethane allowing 16-18 hours to dry in between coats.



PREVIOUSLY COATED SURFACES MILD 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 allowing 24 hours to dry or Universal Red Oxide Quick-Dry Primer allowing 6 hours drying.

Apply 2 coats of Universal Floorcoat Urethane 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

DISCLAIMER

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