

Product Data Sheet

Version UM1-0318.02

MATRICK 
CEMENT
Specialist Surface Materials

UM1 PU Sealer

Product Description:

Matrick Cement UM1 PU Sealer is a two-component UV-Stable polyurethane coating system designed for direct application on to *MicroCement*, resin and concrete floors. Applied only microns thin, this light weight coating system enhances abrasion and stain resistance leaving a durable finish.

Material Features:

- ❖ Ultra Violet stable.
- ❖ High mechanical strength to impact.
- ❖ High abrasion resistance.
- ❖ Proofing to grease, water and oils.
- ❖ Hygienic.
- ❖ No VOCs.

Technical Data:

Product type:	Liquid A + B	Colour appearance:	Part A - white liquid Part B - clear liquid
Solid contents by weight:	38%	Slip resistance:	Dry satin >50 Matt >60
User time:	60 minutes once mixed	Coating system thickness once dry:	40 microns (per coat)
Full chemical cure:	Up to 7 days	Recoat time:	6-8 hours
Coverage rate:	5L of mixed product will cover 40m ² approx.		
Full traffic after application:	48 hours		
Package size:	5 litres / 5Kgs	Shelf life:	12 months

Health and Safety:

Matrick Cement UM1 PU Sealer is crafted from naturally oared materials and formulated to achieve performance levels required by the toughest industries. The information on this data sheet is based on in-house testing procedures and may differ if environmental and application conditions vary. This material should only be handled by professionals. In the event of spillages, dry absorbent cloths should be used to remove any liquid. The contaminated cloths are to be discarded into suitable chemical waste containers in accordance with legislation.

UM1 PU Sealer Instructions:

1. Surface Preparation:

Ensure any surfaces to receive *UM1 PU Sealer* (satin or matt) are clean, dry and loose from contaminants. Air temperature must be between 5°C and 30°C. Humidity -70% RH maximum.

Ensure adequate drying conditions remain throughout the whole curing process to achieve the specified results.

2. Mixing Preparation:

Pre-blend Part A until a uniform consistency is achieved.

In a clean mixing vessel empty the contents of Part A.

Introduce the entire contents of Part B.

Using a mechanical stirrer on slow speed (300rpm-500rpm), mix the product until a homogenous state is achieved.

Ensure a consistent colour is achieved.

3. Application:

Empty the contents of the mixing vessel into a paint tray.

Using a mid-pile roller and paintbrush evenly apply the PU sealer checking for a consistent look across the surface.

Once the floor is fully dry (in accordance with curing times), repeat this process until satisfied with the density of the surface.

We recommend you do not use forced air or over apply *Matrick Cement UM1 PU Sealer*. In either case a 'white film' may appear on the surface.

ALLOW TO CURE NATURALLY.

Special Precautions:

- ❖ This product contains harmful irritants. The use of neoprene gloves and safety goggles must be adhered to during mixing and all application processes.
- ❖ Keep out of reach of children.
- ❖ Do not apply below 5°C or above 30°C.
- ❖ Empty containers must be disposed of in accordance with current legislations.

Cleaning of Tools:

- ❖ All tools can be cleaned with solvent based cleaners.
- ❖ Ensure any electrical equipment is disconnected from the power source prior to cleaning.

Use:

Suitable for trafficked areas of floors, walls ceilings and worktops.

Storage Conditions:

Store both parts in clean, dry conditions not below 15°C and not above 30°C.

Keep containers in a fashion in which they can't be interfered with, reducing the risk of the tubs being pierced.

Keep all components away from combustibles.

Liquid Part A - 1 Tub 4.91Kg
Liquid Part B - 1 Tin 0.75Kg



Matrick Cement LTD reserves the right to change any of the specified instructions on this data sheet without prior notice if necessary.