

MAKCODE PU

TECHNICAL DATA SHEET

Makcote PU is a Non-Yellowing Moisture Curing Clear Polyurethane Coating

Makcote PU is a non-yellowing single pack aliphatic polyurethane, which cures by moisture in the air to extremely tough hard-wearing and durable film.

Makcote PU contains a high level of ultraviolet absorber which prevents the coating from yellowing and discolouration caused by sunlight or uv light. It can be used either as the entire finish system or as a protective coat over conventional polyurethane coating or screed as well as epoxy flooring systems.

RECOMMENDED USES

- Floor coating over existing concrete floors
- Protective coating
- Abrasion resistant heavy duty floor coating
- Coating over epoxy and polyurethane floor systems
- Can be used for both interior and exterior areas

FEATURES AND BENEFITS

- Non yellowing
- High abrasion resistance
- Durable
- Hardwearing
- Internal and external application
- Accepts pedestrian and vehicle traffic
- Moisture curing
- Clear finish
- Self-curing
- Hard Coat
- Primerless
- Improves stone chip resistance
- Australian Owned

APPLICATION INSTRUCTIONS

Ensure all surfaces are sound and free of all foreign matter and that concrete is free of all laitance prior to coating.

All surfaces must be moisture free.

Apply direct from the container using a brush, roller or lambswool pad. It is best applied quickly and liberally and allowed to flow out to a smooth surface.

On concrete surfaces 1 or 2 coats are sufficient to provide a chemical and solvent resistant, dust free surface.

Apply first coat approx. 6-8 m² per litre per coat and allow to cure for 12 to 24 hours.

Apply second coat at 8-10 m² per litre per coat. Porous or very absorbent surfaces may require a third coat. This is dependent on porosity of concrete or surface it is applied to.

Please ensure first coat is tact free before applying second coat.

PACKAGING

Makcote PU is supplied in 20 Litre Container.

SHELF LIFE

Makcote PU should be stored under cover, out of direct sunlight and avoiding extreme temperature changes.

Under normal storage conditions (5-35°C, away from extremes) sealed, unopened containers have a shelf life of 12 months from the date of manufacture. If stored for longer than 12 months, product must be rechecked for suitability in the intended application.

The product is moisture sensitive, and any open or part containers will have a shortened shelf life due to the headspace in the pail containing moisture.

CLEAN UP

Use only solvent. After cleaning, wash applicators in a final rinse of methylated spirits.

YIELDS

Makcote PU has a coverage of 8-10 m² Litre per Coat approximately based on surface porosity. Pedestrian and vehicle trafficable after 2 days at 25°C and 50% RH.

HEALTH AND SAFETY INFORMATION

Makcote PU vapours are flammable. Do not smoke or use exposed naked flames while using **Makcote PU**.

Keep away from naked flames/sparks. Remove all non-canned food items from area if adequate ventilation is not possible during application. When applying **Makcote PU** ensure area is well ventilated. It is recommended that operators wear full face mask with both organic solvent and particulate matter filters. Ensure air conditioning does not spread fumes throughout the building. Operators should also wear suitable protective clothing and PVC or rubber gloves.

Please refer to Safety Data Sheet before handling this product, which is available from **Makrete**.

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PRODUCT	MAKCODE PU
Issue Date	APR 2023
Issue No:	1
Item Code	MAKC56
Pack Size	20 Litre Pail

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time.

The TDS should be carefully read and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied.

Our responsibility for products sold is subject to our standard terms and conditions of sale. Makrete does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

The information and any recommendations relating to the application and end-use of all MAKRETE products are provided in good faith based on MAKRETE's knowledge and experience of the products. In applications, the differences in materials, and variances of substrates and actual site conditions can vary such that no warranty in respect of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be taken as inferred either from this information, or from any written recommendations, or from any other advice offered by MAKRETE. The proprietary rights of third parties must be observed. All orders are accepted subject to our sale terms and conditions.

It is recommended that all products be properly stored, handled and applied in accordance with the printed literature (TDS).

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.