

# ULTRASEAL



## DESCRIPTION

**ULTRASEAL** is based on a SOLVENT FREE, NON-HAZARDOUS, very hard acrylic wax alloy emulsion polymer. It produces a water clear, HIGH GLOSS FINISH, which is resilient and tough. **ULTRASEAL** can be used on a multitude of surfaces that require a high gloss finish. **ULTRASEAL** has been designed specifically to produce a high gloss finish without the use of hazardous solvents for internal use.

## APPLICATIONS

**ULTRASEAL** is suitable for sealing a variety of internal concrete substrates including old concrete floors.

**ULTRASEAL** is used as a sealer on ceramic substrates, e.g. terracotta tiles, slate, clay and concrete paving and honed concrete.

**ULTRASEAL** can be used externally if coloured. It is suitable for most types of mineral surfaces.

## PREPARATION

Stir thoroughly before use.

**BARE CONCRETE/CLAY/RECONSTITUTED:** Any oil and grease should be removed with **MARCMOVE** before water blasting. The concrete should be free of dust, dirt, oil, mould, algae, fungi, laitance and should have a sound, firm surface which does not give way when given the packaging tape adhesion test. Allow the surface to dry thoroughly after water blasting with a high-pressure machine. Allow the surface to dry thoroughly before applying the **ULTRASEAL**.

**CERAMIC TILES:** Make sure there is no grout scum on the surface of the tiles. If so, acid clean with **DYNALENE** diluted up to 3 times with water. Treat as bare concrete as detailed above after the **DYNALENE** acid clean. If the tiles are clean and in very good condition, clean them with a vinegar/methylated spirits mixture and water. Rinse well with water, thoroughly dry tiles before sealing.

**TIMBER:** Prepare the surface of the timber so it is clean, free of dust, laitance oils, moulds and is dry. Apply **ULTRASEAL** with a low hair roller or pad in slow even strokes at low speed and minimum roller track to previous wet rolled coating.

Application of the second coat is done in a similar fashion to the first and is done when the first coat is fully dry.

Do not apply thicker application than the recommended rate to apply **ULTRASEAL**.

**NOTICE:** Any acidic treatment to substrates must be neutralized with Neutra and rinsed with water.

Allow the substrate to dry thoroughly before applying the **ULTRASEAL**.

Do not apply under 16 degrees Celsius.

## APPLICATION RATES

### SEAL COAT ON UNGLAZED TILES/SLATE:

Apply two coats at 8-10m<sup>2</sup>/litre/coat.

### PAINTED CONCRETE:

Apply one or two coats at 8-10m<sup>2</sup>/litre.

### CONCRETE PAVERS, RECONSTITUTED LIMESTONE PAVERS:

Apply two coats at 8-10m<sup>2</sup>/litre/coat.

### CLAY PAVERS:

Apply two coats at 8-10m<sup>2</sup>/litre/coat.

### EXPOSED AGGREGATE CONCRETE:

Apply two coats at 6-8m<sup>2</sup>/litre/coat.

### TIMBER:

Apply two coats at 10-12m<sup>2</sup>/litre per coat.

Allow first coat to fully dry before application of a second coat. Drying is varied due to weather conditions and as a guide **ULTRASEAL** should be allowed to dry for at least 4 hours between coats at 25°C-32°C. Under 25°C allow 12 hours to dry. The surface texture (roughness) and porosities will have an effect on the amount used for most substrates.

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Tests should be done to determine a spread rate. Avoid excess application of **ULTRASEAL** as excess application can make the surface slippery.

## NOTICE

**NOTE:** If applying **ULTRASEAL** by roller there could be a tendency to create air bubbles in the coating by too vigorous action in rolling; and over rolling on partially dried coating. Beware of this advice if rolling the **ULTRASEAL**. It is best to apply **ULTRASEAL** by Tee Bar Pad applicator, soft hair broom, brush or airless spray.

**ULTRASEAL** needs to be applied in thin even coats laying off during application. Thick coats cause drying problems with **ULTRASEAL** sometimes leaving an opalescent(whitish) film – not a clear film. Substantial water contacts within a week or so after application may create a very light whitish spot effect in the film. The effect disappears when the water is removed or evaporated and will not occur when the film gains full strength. Rising moisture in substrates needs to be inhibited before application of **ULTRASEAL**. Recommended a sample be tried before proceeding.

## CLEAN UP

Clean up wet **ULTRASEAL** deposits with water and dry **ULTRASEAL** deposits with **MARCMOVE**.

## STORAGE

Store **ULTRASEAL** in sealed containers under cover in a cool area away from foodstuffs.

## PACK SIZES

**ULTRASEAL** is sold in packs of 1, 5, 10 and 20 litres.

## TRANSPORT

**ULTRASEAL** is not a hazardous product for transport under the guidelines of Safe Work Australia.

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