

Product Information Bulletin

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UROSEAL MOISTURE BARRIER

DESCRIPTION:

Uroseal is a premium two-component, water based epoxy sealer. Uroseal was specifically developed to provide an effective moisture barrier against low moisture and low moisture vapour seepage from sub-floors. Uroseal is also recommended as a effective moisture barrier for freshly laid or green concrete that contains excessive moisture of greater than 5%. Uroseal was designed to be used in conjunction with Uroset timber flooring adhesive. Uroseal is also suitable as a trafficable , non-slip top coat for concrete floors.

CHARACTERISTICS

- * Water based
- * Water resistant
- * One to one mixing ratio
- * May be applied by brush or roller
- * Low odour
- * Acts as a water vapour barrier
- * Non flammable
- * Available in; 20Lt & 8ltr kits
- * Coverage; 5m²/ltr

SURFACE PREPARATIONS:

All surfaces shall be sound and smooth, free of wax, grease, paint, old adhesive, dust, dirt and laitance. Cracks and imperfections in the sub-floor must be primed with Uroseal first and allowed to dry till tack free and then repaired with a sand, cement and Uroseal mortar prior to the use of a 2 coat system. Previous coatings must be removed prior to the use of Uroseal.

Particle board, chip board or plywood should be sanded prior to applying Uroseal. Sub-floors should be in accordance with current Australian Standards. Do not apply Uroseal if the surface temperature is below 10°C or above 28°C.

Please note very dry and overly porous sub-floors should be moistened with a fine water spray prior to the application of the Uroseal.

APPLICATION:

Mix each component separately until homogenous before blending. Mix the two components in a ratio of 1:1 (part A to part B) by volume or 3:2 part A to part B by weight. Thoroughly mix with a mechanical stirrer until a homogenous, consistent mix is obtained.

Once mixed apply Uroseal to the sub-floor with a medium nap lambs wool roller. Apply the Uroseal at a rate of 5m² per litre. The coating must be applied immediately after mixing as the product has a pot life of approx. 60 minutes.

Allow the first coat to dry for 3 hours or until the film is tack free. The tack free time will increase in lower temperatures, it is preferable to allow the first coat to dry overnight prior to re coating. Once the first coat is dry apply the second coat directly over the first coat in the opposite direction, this second coat eliminates

pin-holing. Mix and apply the second coat as you did the first but remember to apply the coat in the opposite direction.

Please note very dry and overly porous sub-floors should be moistened with a fine water spray prior to the application of the Uroseal. Uroseal is higher in viscosity than normal paints and is designed to be applied in a thicker film than normal paints, do not over spread the product. This product has a dry film thickness of 200 microns per 2 coats.

The curing time is dependant on the temperature. Allow the coating to cure for a minimum of 24 hours at 25°C before applying adhesives. Full cure will take 5 to 7 days. If Uroseal is used as a top coat allow 48 hours before allowing light traffic on the surface.

CLEAN UP:

Clean brushes and rollers with water immediately after use. Coating can only be removed mechanically after curing.

CAUTION

- This product is not recommended where Hydrostatic pressure is above 250 kPa.
- Ensure that Uroset adhesive is applied over Uroseal within 48 hours after applying the Uroseal to the sub-floor.

STORAGE AND USAGE

Use in well ventilated areas. Keep container closed, store away from sources of heat. Do not allow adhesive to freeze, unaffected by freezing when dry. This adhesive has a shelf life of 12 months, un-mixed, from date of manufacture providing the adhesive is unopened and stored undercover at 20°C.

VENTILATION

Always make sure that there is adequate ventilation when using this adhesive.

CONDITIONS OF SALE: contain a limited warranty against manufacturing defects.

NOTICE TO THE PURCHASER

All statements and technical information contained herein are based on tests we believe to be reliable but the accuracy thereof is not guaranteed. Users assume all risk and liability resulting from the use of this product and must confirm the suitability thereof by their own tests.

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