



## **CSS WPM** (orange sand-filled waterproof membrane) **APPLICATION PROCEDURE**

### **Product Description:**

CSS WPM (orange sand-filled) is a waterborne flexible waterproof membrane designed for use under Rebound Ace / Plexipave applications. It is capable of accommodating minor substrate hairline crack movement. CSS WPM (Orange sand-filled) is a CSIRO certified Class III membrane and is AS4858:2004 “Wet Area Membranes” compliant.

### **Areas of Use:**

It is designed for use as part of California Sports court systems where waterproofing and minor crack coverage is required.

### **Features:**

- Low VOC content
- Fibre -reinforced
- Single pack
- Quick Drying
- Excellent adhesion to Rebound Ace court preparation products
- Sand filled for ease of application
- Safe and easy to use
- Permanently flexible
- Excellent adhesion to a wide variety of substrates

### **Surface Preparation:**

All surfaces to be coated must be firm, clean, dry, sound and smooth. All grease, oil, wax, curing compounds, dust, droppings, loose material, paint and any other contaminants must be removed. Concrete must be allowed to cure for 28 days and cement render and sand/cement screeds must be allowed to cure for 7 days prior to the application of CSS WPM. Porous substrates must first be primed using CSS Epoxy Moisture Seal (squeegee formula). All pre-existing court surfaces must be prepared as per CSS bulletin.

### **Static crack treatment:**

For cracks less than 1mm [**1/16 inch**], clean thoroughly before filling with an appropriate neutral cure silicone. CSS WPM (Orange sand-filled) cannot span gaps. For dynamic cracks/expansion joints and control joints contact the California Sports Surfaces Technical Department for further advice.

### **Application:**

Dilute CSS WPM Orange (sand filled) with up to 10% water depending on atmospheric conditions. Apply in windrows and spread using a squeegee as per standard manufacturer’s recommendations for sports surface applications. Minimum of two (2) coats applied crossways is required. Application rate is 0.15 – 0.18 lt / m2 per coat (**.03 - .04 gal/sq.yd.**)

Where hydrostatic water pressure is a concern, CSS Moisture Seal or CSS Concrete Sealer GP must be used prior to the application of CSS WPM (Orange sand-filled). For coverage rates refer specific application bulletins on these products.

CSS WPM (Orange sand-filled) is fast drying and should be applied when relatively cool, i.e. early morning to avoid skinning and application issues.

### **Drying:**

Allow 12 hours between coats. Allow 48 hours to dry prior to coating. Allow longer in adverse weather conditions.

**Limitations:**

- CSS WPM (Orange sand-filled) is not designed to stop a hydrostatic head of water pressure
- CSS WPM (Orange sand-filled) must not be used over damp, wet or contaminated substrates
- CSS WPM (Orange sand-filled) must not be applied if it is raining or if rain is imminent
- CSS WPM (Orange sand-filled) must not be applied directly over protective coatings
- CSS WPM (Orange sand-filled) must not be used as a wearing surface for foot or vehicle traffic
- Do not apply where the surface temperature is below 10°C [50°F] or greater than 35°C [95°F]

**Availability:**

CSS WPM Orange (sand filled) is available Australia wide through the California Sports Surfaces network of approved applicators / distributors.

Please contact California Sports Surfaces on (03) 8560 0690 for your nearest approved applicator / distributor.

**Clean Up:**

Clean tools and equipment with warm water and detergent while the membrane is still wet.

**Packaging:**

15 Litre plastic pails

**Coverage:**

Depending on nature of surface but in general .15 - .18 lt / m<sup>2</sup> per coat [.033 - .04 gal/sq.yd.] minimum two (2) coats is required.

**Shelf Life:**

Unopened pails can be stored for up to 12 months in a cool, dry and weatherproof environment.

**Use:**

Common best practice in material handling: gloves, mask, safety goggles and protective clothing should be worn. If the product comes into contact with the skin, wash off with warm soapy water. Avoid inhaling the dust by wearing a suitable dust mask and provide adequate ventilation. If swallowed drink plenty of water and seek medical advice. In case of contact with the eyes, rinse with an eye wash or wash away with plenty of water.

**First Aid:**

**If poisoning occurs, contact a doctor or poisons Information Centre (PH: Australia: 1311 26) Refer to Material Safety Data Sheet for additional information.**

**Important:** The information, and the recommendations relating to the application/s and end use of California Sports Surfaces Products, are given in good faith based on California Sports Surfaces current knowledge and experience of the products when properly stored, handled, and applied in normal conditions. In practice, the differences in substrates, materials and actual site conditions are such that no warranty in respect of the merchantability or of suitability for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. Users should always refer to the most recent issue of the Australian version of the Technical Bulletin for the product concerned, copies of which are supplied on request.

PLEASE CONSULT TECHNICAL DEPARTMENT FOR PRODUCT RECOMMENDATIONS AND ADVICE. PRE-TESTING OF SUBSTRATES IS RECOMMENDED TO ENSURE PERFORMANCE OF PRODUCT UNDER ALL CONDITIONS.