

MAT SEALER PU (C220 & C220 FL)

(Conipur Technology – two-part Polyurethane Sealer)

Suitable for: Rebound Ace GS8, Rebound Ace HSA, Rebound Ace Impact & Cricket Wickets

APPLICATION PROCEDURE

Product consists of: Mat Sealer PU Part A & Mat Sealer PU Part B

Mix **Mat Sealer PU** (2 pack) in ratio 20 parts A to 5 parts B by weight using mechanical mixing. Stir thoroughly for 1-2 minutes and transfer to pouring bucket, scraping sides, then remix to ensure no unmixed material is applied to surface. Mix individual kits **only** as required for application.

Care should be taken to check mix ratio's on regular basis to ensure proper mixing. Pot life after mixing 60 minutes at 20°C [**70°**]. Pot life will reduce at higher temperatures.

Two coats of mat sealer are required for standard application.

1. First Coat

The first coat of sealer is applied using metal trowels. The mixed sealer is poured onto the surface in a small puddle and quickly spread across the width of one mat by one person. 3-4 people should be used for the application spread side by side across the court, each one covering one strip of rubber mat and proceeding continuously down the length of the court. Each applicator should overlap the joint between rubber strips, so that the two passes will ensure thorough sealing of the joint.

Mat sealer should be run over outside edge of mat during application to ensure that edge is thoroughly sealed from water ingress.

Application rate is 0.5-0.6 kgs/m² [**.93 – 1.12 lbs/sq.yd.**] for **Rebound Ace GS8 & Rebound Ace IMPACT - 7mm Mat**

Application rate is 0.4-0.5 kgs/m² [**.74 - .93 lbs/sq.yd.**] for **Rebound Ace HSA & Rebound Ace IMPACT - 4mm Mat**

Allow to cure a minimum 5 hours at 25°C [**77°**], maximum 48 hours, before application of second coat.

2. Second Coat

Mix mat sealer as above and apply by squeegee in lengthwise direction of court.

Pour the mixed sealer in a windrow and spread using two squeegees in tandem to achieve an even surface with no ridges or lumps of excess material.

Application rate, depending on surface levels of court, are shown below. Do not apply if surface temperature is below 5°C or above 35°C [**41° F or above 95°F**]

Application rate is 0.1 – 0.3 kgs/m² [**.19-.55 lbs/sq.yd.**]

If any lumps, nibs, or ridges are left on the surface, they should be completely removed by sanding to ensure entire surface is smooth before next layer is applied. This can be achieved by using a 12-14 inch (30-35cm) circular sander (eg Polyvac) with 24-36 grit open cut abrasive discs. Allow mat sealer to cure a minimum 24 hours before sanding.

Ensure all sanding dust is thoroughly removed by vacuuming, sweeping etc, before applying next coating.

- Note**
- i) **Rebound Ace Tycoat** can be applied directly to **Mat Sealer PU**, provided it has been curing for less than 36 hours and is not contaminated by dust or foreign matter etc. If left to cure for more than 36 hours or if sealer is wet by rain or contaminated by foreign matter, the entire surface must be lightly sanded, as above, to remove gloss from mat sealer before applying **Rebound Ace Tycoat**.
 - ii) **Rebound Ace Impact - High Impact Liquid (C224)** self-levelling PU material can be applied directly to **Mat Sealer PU**, provided it has been curing for less than 36 hours and is not contaminated by dust, dirt etc. If left to cure for more than 36 hours or if sealer is wet by rain or contaminated by dust or dirt, the entire surface must be lightly sanded, as above, to remove gloss from mat sealer before applying the **High Impact Liquid (C224)**.

Option: **Mat Sealer PU C220** is also available in a fire-rated option, **C220FL**. All installation instructions are common to both materials and should be used similarly. Check with California Sports Surfaces for Fire Rating data sheet.

Clean Up

Clean mixers and equipment with Xylene or similar before product cures, otherwise it cannot be removed easily.

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.