

REBOUND MAT SEALER PU (a two-part Polyurethane Sealer)

APPLICATION PROCEDURE

Suitable for: Rebound Ace® GS, HSA Club and Rebound Ace® Impact

Product consists of: **Rebound Mat Sealer PU** **Part A**
 Rebound Mat Sealer PU **Part B**

Mix **Rebound Mat Sealer PU** (2 pack) in ratio 16 parts A to 4 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 20-25 minutes at 20°C. 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 for **Rebound Ace® GS - 7mm Mat**
Application rate is 0.4-0.5 kgs/m² for **Rebound Ace® HSA Club - 4mm Mat**
Application rate is 0.4-0.5 kgs/m² for **Rebound Ace® Impact - 7mm mat**
Application rate is 0.3-0.4 kgs/m² for **Rebound Ace® Impact - 4mm mat**

Allow to cure a minimum 4 hours at 25°C, maximum 48 hours, before application of second coat.

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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 10°C or above 35°C.

Application rate is 0.1 – 0.3 kgs/m²

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® GS - 8mm & 5mm Tycoats** can be applied directly to **Rebound 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 **Tycoat**.
 - ii) **Rebound Ace® Impact - High Impact Liquid** can be applied directly to **Rebound 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 **High Impact Liquid**.

Clean Up

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