

REBOUND ACE GS8 REPAIR SPECIFICATION

Delamination Areas (Blistered areas between coating layers)

The following outlines the steps to be taken and products used in the repair of any delamination areas/damaged areas in **Rebound Ace GS8** surfaces.

Step 1 Grind 'Delaminated' Areas

- i) With an angle grinder (small wheel) carefully remove delaminated areas. Remove as little depth of base (binder/rubber) layer as possible. Feather edges, using finer grade abrasive paper by hand.
- ii) If delaminated/blistered areas expose the rubber base layer, then these areas must be sealed using, **Mat Sealer PU (C220)** or a proprietary **single pack polyurethane sealant**. For small areas of rubber mat damage, single pack **Rebound Mat Joint Adhesive/Simpson ISR70-05 600ml sausage** may be used for minor patching & filling. However, for more significant areas of damaged rubber, please consult California Sports Surfaces (Technical Division) for recommendations.

Mix **Mat Sealer PU (C220)** carefully and ensure total weighed quantity is mixed thoroughly and all material is removed from sides of mixing vessel. Use clean plastic/steel mixing containers.

Pour/spatula in the mixed product to fill the section of exposed base layer.

Refer to separate technical bulletins for these products.

- iii) Allow the material to cure for a minimum of 4 hours, between coats. Apply a further coat if required to ensure total seal of the base layer, and to seal any bubbles in the mat sealer.
- iv) Allow to cure for 24 hours, before the **Rebound Tycoat** coat is applied.

Step 2 Rebound Ace Tycoat (grey coloured, water-based product)

- i) **Mat Sealer PU (C220)** or a proprietary **single pack polyurethane sealant** must be overcoated with **Rebound Ace Tycoat** (**MUST** be catalysed with **Rebound Accelerator**) before any other coat is applied over the mat sealer system.

Refer to separate technical bulletin.

- ii) Allow 24 hours to dry before applying **Rebound Flexible Filler Coat** layer.

Step 3 Rebound Flexible Filler Coat (Green, single pack, water based filler product)

- i) Fill the prepared area with **Rebound Flexible Filler Coat**, applied by spatula or paint scraper. Two or three applications may be necessary, depending on degree of sanding. **Maximum of 2mm thickness per coat.**
- ii) Allow 5-6 hours minimum between coats at 23°C, good drying conditions. When damaged area has been filled to the surface level of the surrounding surface, allow the **Rebound Flexible Filler Coat** to cure, and then sand patched area with a fine grade abrasive paper by hand to produce a smooth even finish, ensuring the edges of the patched area are 'feathered' into surrounding surface.

Step 4 Rebound Ultra Topcoat

- i) Prior to coating the surface of the court must be high pressure water blast (2500 psi) cleaned to remove all surface contamination.
- ii) Food stains, grease marks, chewing gum spots etc., must be completely removed, by using a high quality industrial grade detergent.
- iii) Any areas showing rough surface texture, pimpling of the surface layer, etc. must be sanded, de-burred or repaired.
- iv) Ensure **Rebound Ultra Topcoat** is mixed prior to removing any of the material as supplied in the pail. Mixing is to be done with a high sheer electric mixer producing a good mixing action without turbulence or air entrainment.

Blend material from different batch no.'s thoroughly before any dilution/mixing is attempted.

Mix Ratio **Rebound Ultra Topcoat** is 3 parts **Rebound Ultra Topcoat** by Volume to 1 part Potable Water.

Notes

- The dilution of the **Rebound Ultra Topcoat** can be adjusted in the nominated range to allow for atmospheric conditions and court surface conditions.
- The squeegee or squeegee/broom technique is to be used.
- Allow 1 to 3 hours between coats, depending on atmospheric conditions.
- Apply first coat across the width of the court (narrow dimension). Denib between coats to remove any foreign matter or rough surface texture left in first coat.
- Apply second coat down the length of the court. Allow 1 to 3 hours depending on drying condition, before linemarking.

Allow 24 hours drying before court is used for playing, in good weather conditions. In damp, cold conditions allow longer time period, up to 72 hours.

The drying times advised in this specification are for good drying conditions, 20-25°C, and medium/low relative humidity. If rain, cold or damp conditions occur, allow additional time for drying.