



REBOUND ACE TOPCOATS GS 8mm • HSA CLUB • AIR CUSHION • PRO • SYNPAVE

APPLICATION PROCEDURE

Pre-mix **Rebound Synpave Topcoat, Rebound Cushion Topcoat, Rebound Topcoat 2000** or **Rebound Ultra Topcoat** material in drum prior to use to ensure consistency before diluting as follows.

Dilute Topcoat material in ratio 3 parts Topcoat to 1 part potable water by volume and mechanically stir until homogeneous.

It is essential to thoroughly stir the material regularly during application process (every 10 to 15 minutes) to ensure even distribution of the graded aggregates. Inadequate stirring may result in settling of the denser aggregates in the pail causing an uneven finish.

Apply a minimum of two coats at the following rates (based on **undiluted material**):

Rebound Synpave Topcoat,	
Rebound Cushion Topcoat and	
Rebound Ultra Topcoat..	0.20 to 0.25 litres per m ² per coat
Rebound Topcoat 2000	0.25 to 0.35 litres per m ² per coat

Allow a minimum of 2 hours drying between coats in good conditions (max.25 deg C and approx. 50% RH). Different substrate and ambient weather conditions will necessitate different drying times.

Pour material onto surface in a continuous windrow approximately 100 - 150mm wide. Pre-mixed material should be boxed together, to ensure thorough mixing before pouring onto surface. New material should be progressively poured into the existing windrow to minimise any striped pattern caused by initial drying on warm surface. Care should be taken to ensure the windrow has sufficient product at all times.

Choice of finishes: Normally apply the first coat crosswise of the court and subsequent coats lengthwise of the court at right angles to the previous coat. However, this is the choice of the client and all coats can be applied in the same direction or in reverse of the above, if required. In general, coating lengthwise of the court gives a slightly faster surface than crosswise of the court.

The following **APPLICATION TECHNIQUES** are recommended.

Squeegee/Broom Technique

Spread the material evenly with a squeegee and follow-up immediately behind with a fine grade synthetic broom. The broom should be pulled and double passed over the surface, to ensure even spreading of the silica aggregate without leaving any ridges in the surface. Use of plastic sprigged football boots by the broom applicator is recommended to enable the wet surface to be walked on. Subsequent passes must remove all sprig marks.

Squeegee Type

600mm minimum width, triangular base with squeegee blade in vertical line with handle; squeegee rubber should be soft, non-marking, approximately 50 shore a durometer hardness.

Broom Type

Fine, synthetic bristle, minimum 600mm width.



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Squeegee/Broom Technique (continued)

Squeegee/Broom Angle

During application, the squeegee and broom should be held at an angle of approximately 70° to the windrow of material and 45 – 60° to the horizontal surface. If angle of strike to the windrow is too acute (less than 60°), this may cause streakiness in the finish.

Surface Temperature

Topcoat is best applied in the cool part of the day with the warm part of the day following to aid curing. The surface temperature should be a minimum of 10°C and preferably below 25°C.

Application on a warm/hot surface may contribute to a streaky finish.

Windrow

The windrow should not cover more than 50% of the bottom edge of the squeegee during application. Do not let the windrow run out or dry up as this will cause rough patches in the finish.

Double Squeegee Technique

Spread the material evenly with a squeegee and follow-up immediately with a second squeegee to remove any excess material, ridges, etc. The first squeegee should run parallel to the windrow in a straight line. Avoid walking in or on wet topcoat.

Squeegee Type

600mm minimum width, triangular base with squeegee blade in vertical line with handle; squeegee rubber should be soft, non-marking, approximately 50 shore a durometer hardness.

Squeegee Angle

During Application, the squeegees should be held at an angle of approximately 70° to the windrow of material and 45 – 60° to the horizontal surface. If angle of strike to the windrow is too acute (less than 60°), this can cause streakiness in the surface.

Surface Temperature

Topcoat is best applied in the cool part of the day with the warm part of the day following to aid curing. The surface temperature should be a minimum of 10°C and preferably below 25°C.

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Windrow

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