

REBOUND PRO CHALLENGE

APPLICATION PROCEDURE

BASE WORKS

Concrete

New concrete shall be allowed to cure for a minimum of 28 days.

The concrete base is to be waterproof. This means that water should not be allowed to enter the concrete base from below or from the side. Special care is needed on slabs installed on 'cut and fill' sites and in areas of high-water table.

Asphalt

New asphalt shall be allowed to oxidise for a period of 14-21 days depending on climatic conditions.

(Refer separate technical bulletin '**Base Construction Specification**')

SURFACE PREPARATION

Surface Accuracy

Base surface shall be laid to an accuracy of a maximum deviation of 3mm beneath a 3 metre straight edge when measured in any direction.

Concrete

Ensure concrete surface is free from all dust, dirt, grease, etc. Concrete is to be etched with a mixture of 4 parts **Water** to 1 part **Hydrochloric Acid** and washed off thoroughly with fresh water under pressure to ensure removal of all laitance and cement slurry. Concrete is to be thoroughly dry before application of **Rebound Pro Challenge**.

Asphalt

Asphalt shall be free from all dust, dirt, grease, etc. If necessary, clean asphalt by blasting with high pressure water and ensure thoroughly dry before application of **Rebound Pro Challenge**.

SURFACING SYSTEM

Rebound Pro Challenge is a water impermeable rubber/acrylic polymer composite surface wet laid at a nominal total thickness of up to **2mm**.

Surface composition consists of:

- 1. CONCRETE: Concrete Sealer GP** applied by soft rubber squeegee (preferable) or roller. (Refer separate technical bulletin '**Concrete Sealer GP – Application Procedure**')

OR ASPHALT: Acrylic Resurfacer applied by stiff rubber squeegee for open surfaces or **Acrylic Filler Coat** applied by soft rubber squeegee for smooth dense surfaces.

(Refer separate technical bulletins '**Acrylic Resurfacer – Application Procedure**' or '**Acrylic Filler Coat – Application Procedure**').
- 2.** A minimum of two coats of **Liquid Rubber Fine** applied by soft rubber squeegee. (Refer separate technical bulletin '**Rebound Pro Challenge – Application of Liquid Rubber Layer**').
- 3. Rebound Flexible Filler Coat** or **Acrylic Filler Coat** applied by stiff rubber squeegee. (Refer separate technical bulletins '**Rebound Ace Flexible Filler – Application Procedure**' or '**Acrylic Filler Coat – Application Procedure**')
- 4.** Minimum two coats of **Rebound Topcoat** applied by squeegee or squeegee/broom technique or a combination of both.(Refer separate technical bulletin '**Rebound Ace Topcoats – Rebound Ace GS8 • Rebound Ace HSA • Air Cushion • Pro • Synpave – Application Procedure**')