

## REBOUND ACE HSA

### 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 Ace HSA**.

##### 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 Ace HSA**.

#### SURFACING SYSTEM

**Rebound Ace HSA** is a water impermeable polyurethane/rubber/acrylic composite surface laid in mats at a nominal total thickness of 5mm.

**Surface composition consists of:**

1. **Rebound Adhesive 2000** applied by a notched trowel.  
(Refer separate technical bulletin '**Rebound Adhesive 2000 – Application Procedure**')
2. **Rebound Ace Mat** a prefabricated polyurethane/rubber mat (4mm thick) manufactured to Rebound Ace Sports specifications for **Rebound Ace HSA**.  
(Refer separate technical bulletin '**Rebound Ace Mat – Application Procedure**')
3. Two coats of **Mat Sealer PU** or **Rebound Mat Sealer WB (STD)** to fully seal all pores of the rubber mat and all joints to provide a seamless surface.  
(Refer technical bulletins '**Mat Sealer PU**' or '**Rebound Mat Sealer WB (STD)**)
4. Minimum two coats of **Rebound Flexible Filler Coat** applied by a squeegee.  
(Refer separate technical bulletin '**Rebound Flexible Filler Coat– Application Procedure**')
6. Minimum two coats of **Rebound Ultra Topcoat** applied by a double-squeegee or a double-broom system or a combination of both.  
(Refer separate technical bulletin '**Rebound Ace Topcoats – GS 8mm • HSA • Air Cushion • Pro • Synpave – Application Procedure**').