

## REBOUND PRO PREMIUM ARCHITECT SPECIFICATION

### 1. Base Works

For details of base works, see separate specifications for construction of concrete or asphalt bases suitable for **Rebound Ace Sports Surfaces** installation, refer to technical bulletin '**Base Construction Specification**'.

- 1.1 **Concrete** - New concrete shall be allowed to cure for a minimum of 28 days
- 1.2 **Asphalt** - New asphalt shall be allowed to oxidise for a period of 14-21 days depending on climatic conditions

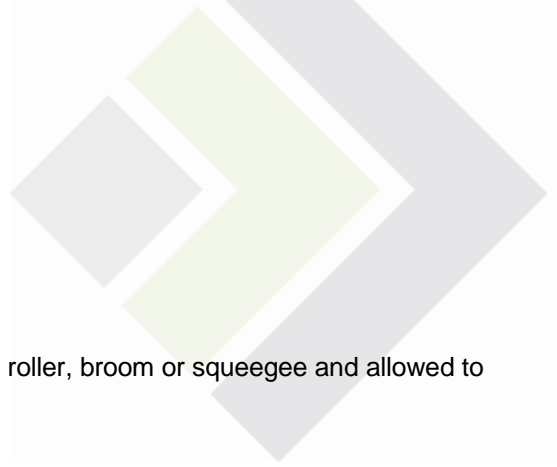
### 2. Surface Preparation

- 2.1 **Surface Accuracy**  
Base surface shall be laid to an accuracy of a maximum deviation of 3mm beneath a 3 metre straight edge when placed in any direction.
- 2.2 **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 Premium**.
- 2.3 **Asphalt**  
Asphalt shall be free from all dust, dirt, grease, etc. If necessary, asphalt shall be cleaned by high pressure water blasting and is to be thoroughly dry before application of **Rebound Pro Premium**.
- 2.4 **Existing Acrylic Sports Surfaces**  
Existing acrylic coatings should be thoroughly checked for adhesion and film integrity. Remove any loose or suspect coating by scraping, grinding, etc. back to a sound surface. Check adhesion using standard cross hatch adhesion test as per AS1580 Method 408.4. If failure occurs coating must be removed before applying **Rebound Pro Premium**.

Thoroughly waterblast surface to remove any dirt, dust, grease, fungus, etc. and allow to dry before applying **Rebound Pro Premium**. Spot prime bare areas as required, with Acrylic Filler Coat . In some instances when a **thorough** water blasting is not possible a prime coat of Acrylic Filler Coat should be applied to the entire surface to ensure adequate adhesion of the Liquid Rubber.

### 3. Surfacing System

**Rebound Pro Premium** is a water impermeable rubber / acrylic / polymer composite surface wet laid insitu to a nominal total thickness of **3-3.5 mm [1/8 to 5/32]**



## Surface composition shall consist of:

- 3.1a **for Concrete**  
Two coats of **Concrete Sealer GP** applied by roller, broom or squeegee and allowed to cure for 48 hours.
- 3.1b **for Asphalt**  
Apply one coat of **Acrylic Resurfacer** for boney open surfaces or **Acrylic Filler Coat** for smooth dense surfaces by squeegee and allow a minimum 24 hours to dry. For old asphalt or very boney asphalt, apply two (2) coats of Acrylic Resurfacer.

### Followed by:

- 3.2 Minimum three layers of **Liquid Rubber Coarse** applied to a total application rate of 1.5 – 1.7lt/m<sup>2</sup> (based on undiluted materials)
- 3.3 Minimum three (3) layers of **Rebound Liquid Rubber Fine** to give a total application rate of 1.62 lt/m<sup>2</sup> (based on undiluted materials).
- 3.4 Two coats of **Rebound Flexible Filler Coat** applied by squeegee.
- 3.5 Minimum two coats of **Rebound Ultra Topcoat** applied by squeegee or squeegee/broom.

## 4. Linemarking

**Rebound Linemarking** applied by brush, roller or spray, free from splatter and overspray. Other colours for various sports are available.

## 5. Coverage Rates

- 5.1a **Concrete Sealer GP** applied at a rate of 3m<sup>2</sup>/Kg/Coat (0.33 Kg/m<sup>2</sup>/Coat) [1.6 sq.yd./lb/coat ; 0.6 lbs/sq.yd.coat]
- 5.1b **Acrylic Resurfacer** applied at 1.5-2.5 m<sup>2</sup>/lt/Coat (0.4-0.67 lt/m<sup>2</sup>/Coat) [0.09 – 0.15 gal/sq.yd.; 6.8 – 11.4 sq.yd./gal/coat] or **Acrylic Filler Coat** applied at approx. 2m<sup>2</sup>/Ltr/Coat (approx. 0.5 lt/m<sup>2</sup>/Coat) [0.11 gal/sq.yd./coat]
- 5.2 **Liquid Rubber** applied at a total rate of approx. 3.27 litres per m<sup>2</sup> [0.7 gal/sq.yd.]
- 5.3 **Rebound Flexible Filler Coat** applied at a total rate of 0.7 - .8 lt/m<sup>2</sup> [0.15 – 0.18 gal/sq.yd.] in two coats..
- 5.4 **Rebound Topcoat** applied at a rate of approx. 4m<sup>2</sup>/lt/coat (approx. 0.5 lt/m<sup>2</sup> in 2 coats) [18.2 sq.yd./gal/coat; 0.11 gal/sq.yd.]
- 5.5 **Rebound Linemarking** as required