

## REBOUND SYNPAVE on CONCRETE

With CONCRETE BASECOAT  
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 Systems** installation, refer to technical bulletin titled '**Base Construction Detail**'.

- 1.1 **Concrete**      -New concrete shall be allowed to cure for a minimum of 28 days  
                             -Ensure no additives & curing compounds are used.

### 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 measured in any direction.

- 2.2 **Cleaning/Acid Etching**  
The surface to be coated must be clean and free from all dirt, dust, grease, diesel and foreign materials.

Etch surface of concrete using a mixture of one (1) part Hydrochloric Acid (Muriatic Acid) to three (3) - four (4) parts of water. Allow to react for ten (10) - fifteen (15) minutes until frothing has ceased. Wash off with copious quantities of fresh water and at the same time scrub with stiff broom to remove any loose concrete salts. High pressure water-blast the entire surface to remove all laitance, cement residues and reacted 'salts'. Allow to dry before applying **Concrete Basecoat**.

- 2.3 **Levelling**  
All court surfaces should be flooded with water and allowed to drain to test for ponding. After twenty (20) minutes, any depressed areas retaining water that covers a twenty (20) cent (AUD) piece are to be filled with **CSS Crete Seal** to provide proper drainage.

### 3. Surfacing System

3.1 **Basecoat**

Supply and apply **Concrete Basecoat** over concrete as per manufacturer's recommendations.

3.2 **Topcoats**

Supply and apply two (2) coats **Synpave Topcoat** as per manufacturer's recommendations.

### 3.3 Typical Material Usage

Based on above application rates the minimum undiluted material quantities for single colour courts (assume 670 m<sup>2</sup>) are as follows:

<b>Concrete Basecoat</b>	:	120 litres	[31.7 gal]
<b>Synpave Topcoat</b>	:	335 litres	[88.5 gal]

## 4. Linemarking

**Rebound Linemarking** applied by brush or spray, free from splatter and overspray. International Tennis Standards Linemarking Specifications is for White 50mm width lines. Other colours for various other sports are available.

## 5. Coverage Rates

Based on undiluted materials.

5.1 **Concrete Basecoat** applied at approx. 5.5m<sup>2</sup>/Lt (0.18Lt/m<sup>2</sup>) [.04 gal/sq.yd.]

5.2 **Synpave Topcoat** applied at approx. 2m<sup>2</sup>/Lt (0.5 Lt/m<sup>2</sup>) in two coats [.11 gal/sq.yd]

5.3 **Rebound Linemarking** as required

## 6. Precautions

Keep material from freezing.

Store in a cool place - never in hot sun. Clean all equipment with water immediately after use.

Do not allow **Synpave Topcoat** to run or drip on adjacent areas. Remove any drips immediately with water before drying occurs, as dried material is difficult to remove with normal solvents and cleaners.