

# SYNPAVE RE-SURFACING EXISTING ACRYLIC COURT ARCHITECT SPECIFICATION

## 1. Surface Preparation

### 1.1 Clean

Clean entire surface with high pressure (2500 psi min) water blaster. If surface is heavily contaminated with fungus/mould growth, apply a proprietary mould removal solution to contaminated areas and allow to react for 15 minutes before water-blasting.

### 1.2 Surface Inspection

Inspect surface for any loose or peeling coating not removed by water blasting. Any suspect areas should be removed and sanded back to a sound well bound area.

### 1.3 Cracks

Structural cracks and slab settlements should be referred to a Civil Engineer for action. Hairline cracks and other minor cracks should be veed out and filled with **Acrylic Resurfacer or Rebound Patch Compound**, or an elastomeric Polyurethane Sealant.

Allow to cure for a minimum 24 hours depending on ambient weather conditions before surfacing.

Remove all ridges and make sure all edges are feathered to avoid patched appearance and different surface textures after surfacing.

### 1.4 Priming

Areas that are bare of coating must be primed with the appropriate basecoat applied by brush or roller to manufacturers specification.

- a) Concrete **Concrete Basecoat or Concrete Sealer GP**
- b) Asphalt **Acrylic Filler Coat**

Allow **Concrete Basecoat** or **Concrete Sealer GP** to cure a minimum twenty-four (24) hours and **Acrylic Filler Coat** a minimum two (2) hours, depending on ambient weather conditions, before surfacing.

## 1. Surface Preparation (cont'd)

### 1.5 Patching

Patch any primed or delaminated areas with **Acrylic Filler Coat** or **CSS Crete Seal** to bring level with surrounding surface and allow to properly cure for a minimum 24 hours.

If entire surface is pitted but adhesion of existing coating is good, as can be the case where bitumen emulsion based filler coats have been used previously, then one (1) coat of **Acrylic Filler Coat** should be applied to the entire surface at a rate of approximately 3m<sup>2</sup> per litre, depending on degree of pitting. If adhesion of bitumen emulsion is suspect, then this entire coating should be removed prior to new application.

## 2. Topcoat

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

Total application rate (two (2) coats) should be approx. 2m<sup>2</sup> per litre based on undiluted material.

## 3. Linemarking

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

## 4. Coverage Rates

Based on undiluted materials.

4.1 **Acrylic Filler Coat** applied at approx. 0.33 lt/m<sup>2</sup> (0.55 kg/m<sup>2</sup>) [.61 gals/sq.yd; 1lb/sq.yd]

4.2 **Synpave Topcoat** applied at approx. 0.25lt/m<sup>2</sup>/coat (0.42kg/m<sup>2</sup>/coat) [.06 gal/sq.yd;.74 lbs/sq.yd.]

4.3 **Rebound Linemarking** as required

## 5. 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** 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.