

## SYNPAVE on WEATHERED ASPHALT 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 surface systems installation, refer to technical bulletin titled Base Construction Specification.

This specification refers to treatment of aged and **Weathered Asphalt**. Refer also to bulletin titled 'Synpave on Asphalt'.

**Acrylic Resurfacer** is designed as an economical filler and binder for weathered and slightly spalling asphalt. Severely weathered surfaces which are breaking up may require refurbishment with 25 to 50mm of hot mix asphalt as the most economical method of treatment.

### 2. Surface Preparation

#### Cleaning

The surface to be coated must be clean and free from all dirt, dust, grease, dieselene and foreign materials, remove all loose and crumbling asphalt. Use a high-pressure water blaster of minimum 2500 PSI.

#### Patching

Patch all large cracks, deep holes and obvious depressions using **Acrylic Resurfacer or Rebound Patch Compound** as per manufacturer's recommendations.

### 3. Surface Restoration

Supply and apply as per manufacturer's recommendations, one or more coats of **Acrylic Resurfacer**.

#### After the first coat has fully cured, test for levelling as follows:-

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 greater than 3mm depth are to be filled with a further coat of **Acrylic Resurfacer** to ensure proper drainage.

### 4. Surfacing System

#### Filler Coats

Supply and apply as per manufacturer's recommendations, one or more coats of **Acrylic Filler Coat**. at approx.3m<sup>2</sup> per litre [.66 gal/sq.yd] based on undiluted material.

### Topcoats

Supply and apply by squeegee/broom, one (1) coat of **Synpave Topcoat** as per manufacturer's recommendations. Total application rate should be approx. 3.5m<sup>2</sup> per litre [.77 gal/sq.yd.] based on undiluted material.

### Typical Material Usage

Based on above application rates the estimated undiluted material quantities for a standard tennis court of 7200 sq.ft. (670m<sup>2</sup>) are:

**Acrylic Resurfacer:** Varies significantly with surface conditions: 800-1500 Kg per coat [1764 lbs – 3307 lbs] may be taken as a guide.

**Acrylic Filler Coat :** 224 Litres (372 kg) [59.2 gal]

**Synpave Topcoat:** 192 Litres (320 kg) [50.7 gal]

## 5. Linemarking

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

## 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 **Rebound 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.