

SYNPAVE ON NEW ASPHALT ARCHITECT SPECIFICATION DETAIL

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 Specification**'.

- 1.1 **Asphalt** - New asphalt shall be allowed to oxidise for a period of 14 - 21 days depending on climatic conditions

2. Surface Preparation

2.1 Curing

New asphalt surfaces should cure for a minimum of 14 - 21 days before application of acrylic surfacing.

2.2 Cleaning

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

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 **Acrylic Resurfacer or Rebound Patch Compound** to provide proper drainage. Apply in accordance with manufacturers specifications.

3. Surfacing System

3.1 Filler Coats

Supply and apply as per manufacturer's recommendations, two (2) coats of **Acrylic Filler Coat**.

3.2 Topcoats

(a) If using **Squeegee & Broom**...Supply and apply as per manufacturer's recommendations, one (1) coat of **Synpave Topcoat** (Standard Topcoat Colours). Special colours (eg Special Blues, Purples etc) require two coats for proper opacity.

(b) If using **Squeegee only**...Supply and apply as per manufacturer's recommendations, two (2) coats of **Synpave Topcoat**.

3. Surfacing System continued

3.3 Typical Material Usage (Standard Topcoat Colours)

Based on above application rates the approximate undiluted material quantities for a standard tennis court of 7200ft² (670m²) are:

- (a) **Acrylic Filler Coat** 470 Litres and **Synpave Topcoat** 200 Litres (332 kg) [52.8 gal; 730 lbs]
- (b) **Acrylic Filler Coat** 470 Litres and **Synpave Topcoat** 335 Litres (560 kg) [88.5 gal; 1234 lbs]

4. Linemarking

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

5. Coverage Rates (Based on undiluted materials)

5.1 Acrylic Filler Coat

1st coat approx. 0.4 Lt/m² (0.66 kg/m²) [.09 gal/sq.yd. (1.2 lbs/sq.yd.)]

2nd coat approx. 0.3 Lt/m² (0.50 kg/m²) [.07 gal/sq.yd. (.09 lbs/sq.yd.)]

5.2 Synpave Topcoat

3.2 (a) above...approx. total approx. 0.3 Lt/m²/coat (0.48kg/m²/coat) [.07 gal/sq.yd.; .09 lbs/sq.yd.]

3.2 (b) above...approx. total approx. 0.25 Lt/m²/coat (0.4kg/m²/coat) [.06 gal/sq.yd.; .74 lbs/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 **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.