

## **SYNPAVE**

### **ROOFTOP / PODIUM DECK COURTS**

### **ARCHITECT SPECIFICATION**

For installation of a Rebound Ace Sports Surface on a Rooftop/Podium Deck where the sports surface system is required to be waterproof.

#### **1.0 Surface Preparation**

All concrete must be at least 28 days old. The surfaces are to be clean, free from curing compounds, wax or any other contaminant that would inhibit the adhesion of the products to the substrate. It is recommended that the surfaces are smooth and free from holes or protrusions. Cracks in the concrete must be filled prior to the application of waterproofing.

**Note:** There is one simple field test that can identify if there is potentially a curing compound or sealer on concrete. Place drops of water on the concrete and see if the water beads up. If the water does not readily absorb there will be a need to abrade the concrete before starting the waterproof installation. It is always recommended to conduct a small test area to determine the quality of adhesion onto the concrete slab. Please refer to the Rebound Ace Technical Department for further information.

Please refer to **Expansion Joint Technical Bulletin** for treatment of expansion joints prior to the application of any Rebound Ace Sports surfacing system.

#### **2.0 Waterproofing and Installation of Sports Surface System**

2.1 **Moisture Seal (Squeegee formula):** Two (2) coats of Rebound Moisture Seal applied by squeegee; or alternatively utilise Concrete Sealer GP as per option (2.1a) below.

(2.1a) **Concrete Sealer GP:** Two (2) coats of Concrete Sealer GP applied by squeegee

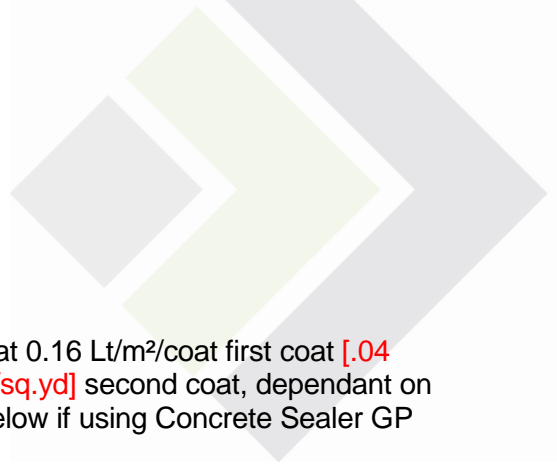
2.2 Wipe for Aluminium or PVC prior to Polyurethane Sealant applied by brush.

2.3 Polyurethane Sealant for internal corners and junctions applied by jointing tool.

2.4 **CSS WPM (Orange sand-filled):** apply by squeegee. Minimum 2 coats of SBR Waterproofing for Rooftop/podium decks.

2.5 **Synpave Topcoat:** 2 coats of Acrylic based Topcoat applied by squeegee.

2.6 **Rebound Linemarking:** Applied by brush or roller, free from splatter or bleeding.



### 3.0 Coverage Rates

**3.1 Moisture Seal (squeegee formula)** applied at 0.16 Lt/m<sup>2</sup>/coat first coat [.04 gal/sq.yd./coat], 0.13-0.16 lt/m<sup>2</sup> [.03 - .04 gal/sq.yd] second coat, dependant on porosity of concrete; OR alternative (3.1a) below if using Concrete Sealer GP option

(3.1a) **Concrete Sealer GP** applied at 0.33 – 0.5 kg/m<sup>2</sup>/coat [.61 - .93 lbs/sq.yd.]

3.2 Wipe applied as per manufacturer's instructions to Aluminium or PVC fittings.

3.3 Polyurethane sealant applied as required for internal corners, junctions or expansion joints

3.4 **CSS WPM (Orange sand-filled)** applied at 0.15 – 0.18 Lt/m<sup>2</sup>/coat [.03 - .04 gals/sq.yd.]

3.5 **Synpave Topcoat** applied at 0.25 – 0.35 Lt/m<sup>2</sup>/ coat (0.4 Kg/m<sup>2</sup>/coat) [.06 - .08 gal/sq.yd.; .74 lbs/sq.yd.]

3.6 **Rebound Linemarking** as required