

# REBOUND PRO 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 Surface.

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

- 2.1 **Rebound Moisture Seal (squeegee formula)** : Two (2) coats applied by squeegee
- 2.2 **Wipe:** Wipe for Aluminium or PVC prior to Polyurethane Sealant applied by brush.
- 2.3 **A one-part 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 **Rebound Pro:** Continue with selected Rebound Pro option.

### 3.0 Coverage Rates

3.1 **Moisture Seal (squeegee formula)** applied at 0.16 Lt/m<sup>2</sup>/coat (0.4 gal/sq.yd./coat) first coat, 0.13-0.16 lt/m<sup>2</sup> (0.03 – 0.04 gal/sq.yd.) second coat, dependant on porosity of concrete

3.1a **Concrete Sealer GP** applied at 0.33 – 0.5 kg/m<sup>2</sup>/coat (0.61 – 0.93 lbs/sq.yd.)

3.2 **A one-part 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 (0.03 – 0.04 gal/sq.yd.)

3.5 **Rebound Surface:** Continue installation according to procedures for the selected Rebound Ace GS8 or Rebound Ace HSA mat systems.

3.6 **Rebound Linemarking** applied as required.

**Rebound Pro:** Consult Architects Technical Bulletin regarding optional systems for Pro.