

ROOFTOP/PODIUM DECK MAT CUSHION COURTS ARCHITECT SPECIFICATION

(applicable to Rebound Ace GS8, and Rebound HSA cushion mat systems)

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

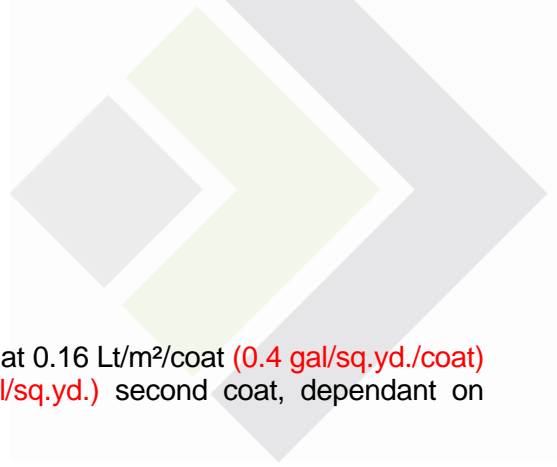
All concrete must be at least 28 days old. The surfaces are to be clean, free from curing compounds, wax or any other contaminant that would inhibit the adhesion of the products to the substrate. It is recommended that the surfaces are smooth and free from holes or protrusions. Cracks in the concrete 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 **Base Construction Technical Bulletin – expansion joints** 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 **Moisture Seal (squeegee formula):** Two (2) coats applied by squeegee
- 2.1a **Concrete Sealer GP:** Two (2) coats applied by squeegee
- 2.2 **A one-part Polyurethane Sealant** for internal corners and junctions applied by jointing tool.
- 2.3 **CSS WPM (orange sand-filled):** apply by squeegee. Minimum 2 coats of SBR Waterproofing for Rooftop/podium decks.
- 2.5 **Rebound Surface:** Continue installation according to procedures for the selected Rebound Ace GS8 or Rebound Ace HSA mat system
- 2.6 **Rebound Line Marking:** 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/m²/coat (0.4 gal/sq.yd./coat) first coat, 0.13-0.16 Lt/m² (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/m²/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/m²/coat (0.03 – 0.04 gal/sq.yd.)
- 3.5 **Rebound Surface** : Continue installation according to procedures for the selected Rebound Ace GS8mm or Rebound Ace HSA mat systems.
- 3.6 **Rebound Line Marking** applied as required.

All products must be used in accordance with current Rebound Ace Architectural and Application Technical Bulletins