

REBOUND 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 Surface**.

2.0 Waterproofing and Installation of Sports Surface System.

- 2.1 **Rebound Moisture Seal (squeegee formula)** : One (1) coat applied by squeegee
- 2.2 **Acetone Solvent Wipe:** Wipe for Aluminium or PVC prior to Polyurethane Sealant applied by brush.
- 2.3 **Protek 50FC:** Polyurethane Sealant for internal corners and junctions applied by jointing tool.
- 2.4 **Protek WPM (orange sand-filled):** apply by squeegee. Minimum 2 coats of SBR Waterproofing for Rooftop/podium decks .
- 2.5 **Rebound Ace Flexible Filler Coat:** 1 or 2 coats of Acrylic based Filler coat applied by squeegee.
- 2.6 **Rebound Ace Ultra/Synpave Topcoat:** 2 coats of Acrylic based Topcoat applied by squeegee.
- 2.7 **Rebound Ace Line Marking:** Applied by brush or roller, free from splatter or bleeding.



3.0 Coverage Rates

3.1 **Rebound Moisture Seal (squeegee formula)** applied at 0.16 Lt/m² (6.5 m² per litre) dependant on the porosity of the concrete.

3.2 **Acetone Solvent Wipe** applied as required to Aluminium or PVC fittings.

3.3 **Protek 50FC polyurethane sealant** applied as required for internal corners, junctions or expansion joints.

3.4 **Protek WPM (orange sand-filled)** applied at 0.5 Lt/m²/coat

3.5 **Rebound Ace Flexible Filler Coat** applied at 0.45 – 0.55 Lt/m²/coat

3.6 **Rebound Ace Ultra/Synpave Topcoat** applied at 0.25 Lt/m²/ coat

3.7 **Rebound Line Marking AS** applied as required.

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