

Protect Crete X550 Carpark Warehouse Project Detailer 2021

Project Background and Description

Russell Gordon Contracting (RGC) chose Protect Crete X550 Carpark Warehouse as they required a quality single application concrete cure and protection treatment for a large new build 8,000m² internal Wiri Warehouse Project. The newly placed concrete subfloor was burnished, making the concrete a lot less porous, which made treatment application very difficult. Contractors Solid Floors had developed a specialized application method that enabled the X550 to be deeply absorbed into the slab as required, and work with RGC to achieve this.

Project Scope

RGC in conjunction with concrete placers Concrete Consultant Specialists laid sections of approximately 600-800m², which were treated with X550 Carpark Warehouse as soon as the new concrete sections were trafficable. A 50 litre boom spray cart was used spray apply the X550 at the specified rate of 5m² per litre. Working in conjunction was the ride on scrubbing, squeegee, and residue vacuuming machine specialized application method. 2,000m² of surrounding parking and freight access were treated with Protect Crete X100 Green Cure.

High-Level Requirements

- To ensure that the Protect Crete X550 Carpark Warehouse deeply penetrated the burnish slab surface without surface gelling.
- To apply ASAP to the new concrete and treat before site contamination (dust and Debris) contaminated the new slab sections.
- Repeller protection to the new concrete in one single application, only achievable using X550.

Deliverables

- Resists oil staining
- Reduced tyre squeal
- Hardens surface
- Reduces dusts
- Densifies
- Clear invisible finish
- Retards efflorescence
- Highly resistant to alkali attack
- Improves Fungus / Mildew Resistance
- Enhances Traction Quality
- Environmentally friendly Low odor 0 VOC
- Easy maintenance

