

One New Zealand Stadium (Te Kaha)

MOISTURE CONTROL FOR A WORLD CLASS VENUE

Project No:
00038

Product :
X220 Moisture Fix

Area :
7800 m2

Distributor :
Gilt Edge Industries

Contractor :
The Flooring Warehouse

Builder :
Besix Watpac

Scope of works

One New Zealand Stadium (Te Kaha) is Christchurch's new fully enclosed, multi purpose venue designed by Warren & Mahoney (with Populous) and delivered by BESIX Watpac as part of the Kōtui consortium. The stadium forms a critical component of the Canterbury regions post earthquake regeneration strategy, reinstating a world class rectangular venue capable of hosting elite sport, entertainment and civic events.

The stadium's design emphasises durability, hygiene, lifecycle efficiency and operational resilience — all essential for a long term community asset emerging from Christchurch's extensive rebuild. Moisture controlled concrete substrates were therefore a critical component of the flooring system performance strategy.

One New Zealand (Te Kaha) was commissioned as a signature anchor project within the city's rebuild programme. It represents:

- Restoration of a major civic venue lost during the earthquakes
- A regional economic catalyst designed to attract national and international events
- A symbol of resilience and renewal supporting long term community and commercial growth
- A key urban integration project reconnecting the central city with large scale public infrastructure



Features & Benefits - X220 Moisture Fix®

- Densifies, hardens, and waterproofs concrete.
- Specifically designed for existing concrete with high moisture content.
- Can also be applied as a spray-on curing regime at time of pour.
- Creates a permanent internal moisture barrier that protects floor coverings, coatings, adhesives, and sealers from moisture.
- Enables early installation of vinyl and topical coatings — 2 weeks after pour or next day on existing slabs.
- Compliant with AS1884:2021 & NZS/AS 1884:2013 flooring installation requirements.
- Low VOC, low odour, environmentally friendly, and HACCP approved.
- Supported by up to a 15-year warranty with full QA/QC and project specification backing.
- Provides effective concrete curing while minimising plastic cracking and shrinkage.
- Non-membrane forming – eliminates the need for mechanical removal.
- User-safe formulation.
- Highly cost-effective solution.

Gilt Edge Industries
110 Antigua Street, Addington, Christchurch 8240
Phone : 0800 445 833
Email: help@giltedge.co.nz

www.giltedge.co.nz