



# CASE STUDY

## Shore Grammar Sports Complex

New Construction (2013)  
Northbridge (Sydney), NSW, Australia

### OWNER

Shore Grammar

### CONTRACTOR

Novati Constructions

### APPLICATOR

KRYFIX



### PRODUCTS USED IN APPLICATION

Krytol Internal Membrane (KIM), Hyperseal BR & D200 Waterstops

### BACKGROUND

Located at Northbridge on Sydney's north shore, construction of the school sports pavilion grandstand & multi-purpose space at the Main Oval, a new pavilion for the soccer field and eight new tennis courts was undertaken by Novati Constructions in 2013 for Shore Grammar.

KRYFIX provided Krytol Internal Membrane (KIM) concrete admixture, Krytol Broadcast and Hyperseal Waterstops to this project.

### SOLUTION

Krytol Internal Membrane (KIM) is a chemical admixture used for the treatment of concrete and concrete products to protect against water intrusion, leakage, cracking, chemical attack, and corrosion of reinforcing steel. KIM has the advantage of being a self-sealing system that transforms concrete into a powerful waterproof barrier. Approx 1200m3 of Krytol Internal Membrane (KIM) was applied to the Pavilion retaining walls, rainwater sprinkler tank base slab & walls. Krytol Broadcast, a crystalline waterproofing treatment for concrete flatwork, was applied to the concrete slab of the pavilion.

Hyperseal BR is a high performance, hydrophilic butyl rubber waterstop, which swells to form a long-lasting water-tight compression seal. Hyperseal BR and Hyperseal D200 were applied to the large underground basement detention tank.



### INFORMATION

For more information on KRYFIX products, please visit our website:



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