KRYFIX

PROACTIVE SOLUTIONS

# CASE STUDY

## Chris O'Brien Lifehouse, RPA Hospital

New Construction

Camperdown (Sydney), NSW, Australia

### OWNER

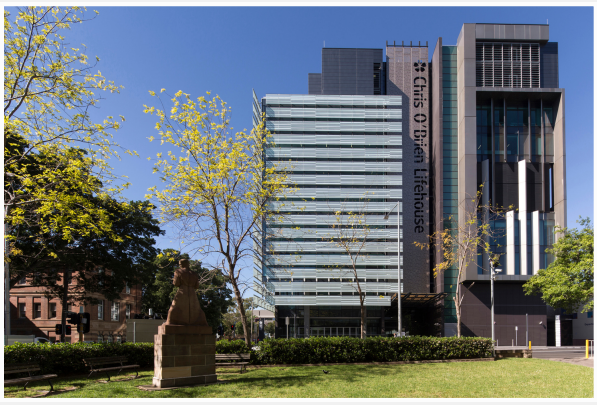
Royal Prince Alfred (RPA) Hospital

### CONTRACTOR

Brookfield Multiplex

### DISTRIBUTOR

KRYFIX




### PRODUCTS USED IN APPLICATION

Krystol Internal Membrane (KIM) Admixture, Hyperseal BR Waterstops

### BACKGROUND

Brookfield Multiplex completed construction of the Chris O'Brien Lifehouse building for integrated cancer treatment which is part of Royal Prince Alfred (RPA) Hospital in Camperdown, in Sydney's inner city. Lifehouse provides diagnosis, treatment and care in the one facility by combining surgery, chemotherapy, radiation therapy, research and emotional support under the one roof.

KRYFIX provided Krystol Internal Membrane (KIM) concrete admixture and Hyperseal Waterstops to this $260m project.

### SOLUTION

Krystol Internal Membrane (KIM) concrete admixture was applied to the loading dock, lift pits & walls, roof gutters, detention tanks and sprinkler tanks of the Lifehouse building. Hyperseal BR waterstops were applied to the ambulance bay, lift pit & walls of existing Radiation Oncology building.

Krystol Internal Membrane (KIM) is a Krystol Internal Membrane (KIM) is a hydrophilic crystalline admixture used to create permanently waterproof concrete. It is used for the treatment of concrete and concrete products to protect against water intrusion, leakage, cracking, chemical attack, and corrosion of reinforcing steel.

Hyperseal BR waterstops are a high-performance, hydrophilic butyl rubber waterstop which swells to form a long-lasting water-tight compression seal. It is suitable for static or low movement construction joints and cold-joints.

### INFORMATION

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

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