CASE STUDY

Kooloobong-University Of Wollongong

New Construction

Wollongong, NSW, Australia

OWNER	CONTRACTOR	DISTRIBUTOR
University Of Wollongong	Brookfield Multiplex	KRYFIX

PRODUCTS USED IN APPLICATION

Krystol Internal Membrane (KIM) admixture, Hyperseal DB Waterstops

BACKGROUND

Construction of 800 undergraduate uni student self-catered residences at University of Wollongong (UOW) was undertaken by Hutchinsons Builders. Designed by Group GSA Architects, this $120m project won the 2017 Driven x Design Sydney Awards for 'Architecture - Public or Institutional – Constructed' project.

KRYFIX provided Krystol Internal Membrane (KIM) concrete admixture and Hyperseal DB waterstops to this project.

SOLUTION

Krystol Internal Membrane (KIM) concrete admixture was applied to the roof slab for all 3 buildings. Hyperseal DB Waterstops were applied to the lift pits in the project.

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 DB Waterstops are hydrophilic bentonite waterstops for in-situ concrete construction joints. A flexible clay waterproofing compound that swells upon contact with water to form a long-lasting compression seal in non-moving concrete joints.

INFORMATION

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

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