renlon

CASE STUDY

RICHMOND

Underground family home, Richmond

Waterproofing a single-storey home built underground for a family that needed the healthiest possible materials and air.

LOCATION
Richmond

SECTOR
Residential

CLIENT
O'Sullivan Civil Engineering

SYSTEM USED
Type C cavity drain

SERVICES
Type C Cavity Drain Membranes, Basement & Structural Waterproofing

THE CHALLENGE

Land restrictions and neighbouring properties meant the house had to be one storey and out of sight, so it was built underground.

The owners' two sons have life-threatening allergies, so materials and air quality had to be as healthy as possible.

WHAT WE DID

- Delta cavity membranes to walls and floors, with modular and perimeter drainage and a sump pump chamber.

THE RESULT

A waterproof inner lining that collects any water, directs it to the sump and pumps it away.

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