



Project details

Client:

ARJ Construction Limited

Project size:

1463m²

Project works

Design and Install Inverted Flat Roof Waterproofing (Hotmelt) with Green roof finishes

Work status:

Completed

Coombe road is a new mixed-use development, made up of 79 apartments, 4 terraced maisonettes, a ground floor retail/commercial zone and a basement car park.

The flats are arranged in 4 blocks A, B, C & H with 5, 6, 4 & 2 floors respectively.

SWS were appointed to provide waterproofing design and installation solution to the roof, balconies, & podium.



Solution

A hot melt waterproofing solution was provided by SWS which involves priming the entire deck with permatec primer prior to waterproofing with the permatec ecowrap system.

XPS Inverted Insulation was laid on the roof deck to achieve the required thermal resistance with WCL.

A Pitch pocket waterproofing solution was adopted for all pipe bases on the roof deck & balconies

The roof was finished with 20-40mm sized round pebbles laid along the perimeter and green vegetation accordingly.

Installation was carried-out in accordance with best practice and with the manufacturer's specifications which included a 20-years warranty