

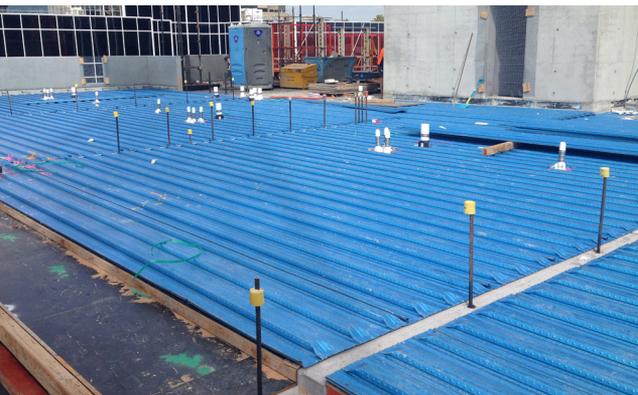
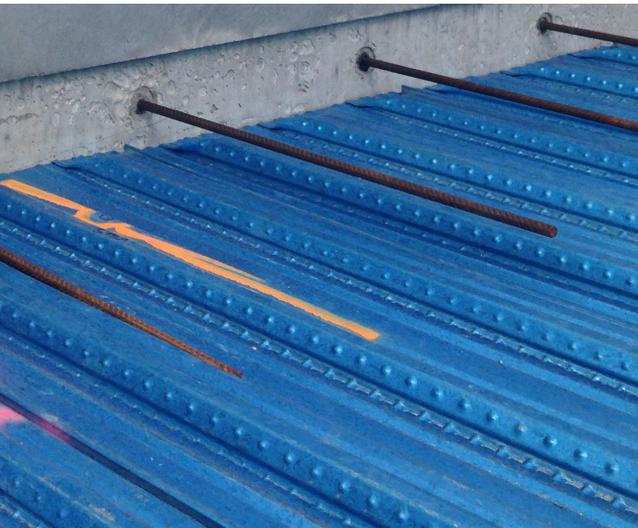


KEY PROJECT: IN CONSTRUCTION V BY CROWN

MATERIALS: KingFlor KF40[®] flooring
ARCHITECT: Allen Jack & Cottier Architects
CONTRACTOR: Crown International
ENGINEER: Van Der Meer Consulting

PROJECT SPECIFICS

- 70,000 m² of KingFlor KF40[®]
- 1.00mm steel formwork
- 7.8m sheet lengths generally
- Steel grade: G550



THE PROJECT

V by Crown is a world-class apartment tower currently under construction in Parramatta, NSW, offering sweeping views of the Sydney skyline and heritage parklands. The \$309m residential apartment building is set to soar 29 storeys high and will be superbly finished with a luxurious glazed mirrored exterior

Fielders were contracted by Crown International and Allen Jack & Cottier Architects to provide multiple solutions including 70,000m² of KingFlor KF40[®] steel framework for the new development.

THE SOLUTION

KingFlor KF40[®] was chosen for this project due to its trapezoidal shape saving the project 16 millimetres of concrete across the entire project of 70,000m². KF40[®]'s unique design with wider coverage will not only save on preparatory costs, it also allows for the floor laying to be executed faster.

In addition, Fielders was contracted in association with Ultrafloor to supply the construction system for the carpark areas of the project which included some 20,000m² of RF55.

THE PROCESS

KingFlor KF40[®] was installed at V by Crown apartments in January 2015. The building is scheduled for completion in mid-2016.

Fielders KingFlor KF40[®]

KF40[®] is part of the KingFlor innovative composite steel formwork range, combining the performance of a traditional flat plan profile with the unmatched economy of a trapezoidal deck. With concrete savings of up to 40kg/m² it is suitable for post tensioning ducts and ideal for concrete frame structures. The unique SquashCut ends provide flexibility on site and reduces labour, the offset lap allows shear studs to be placed in optimal positions and re-entrant features provides superior shear bond performance in composite slabs.