

CASE
STUDY

480 QUEEN STREET

PROFILE:

ARCHITECT:

BUILDER:

ROOFING CONTRACTOR:

Kingflor® RF55®

BVN

Grocon

Grocon



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PROJECT SPECIFICS

68,000m² of Kingflor® RF55® | 0.90mm BMT Low Glare decking

THE PROJECT

Standing at 36 storeys high, 480 Queen Street is located in Brisbane's Golden Triangle within the city's Central Business District. The structure is the first steel frame office tower to be built in Brisbane in over 40 years, adding to the unique characteristics of this project.

The \$300 million complex is more than just a regular office building, being home to some of the largest Australian and International organisations. The building comes equipped with its very own childcare centre, gymnasium and restaurant as well as Australia's first elevated public park.

Constructed from late 2013 through to late 2015, Fielders were commissioned to supply the building with 68,000m² of Kingflor® RF55® steel sheeting, used for its strength and reliability as a flooring solution.

THE SOLUTION

Fielders Kingflor® RF55® was the solution of choice, specified by BVN architects for its efficient, innovative and cost saving features as well as being unmatched in composite strength, ideal for steel frame construction. With steel being the quintessential vision of BVN, the Kingflor® RF55® was an obvious choice to partner perfectly with the steel design platform. The premium building achieved a modern, contemporary and sleek profile to align with the prestigious Queen Street precinct.

THE PROCESS

Fielders Kingflor® RF55® steel profile was supplied to the project in the midst of construction, being transported in Fielders custom made stillages to accommodate for crane restrictions in Brisbane's CBD. Kingflor® RF55® was an important element in helping construction stay ahead of schedule.

KINGFLOR® RF55®

Fielders Kingflor® RF55® is a revolutionary steel framework solution ideal for complete concrete slabs within concrete and steel framed construction across lengthy spans. With a longer span capacity and greater composite strength than existing formwork systems on the market, Kingflor® RF55® is one of the best solutions for steel framework.

Project uses include multi-storey buildings, multi-level car parks, shopping centres and commercial construction.

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