



**Client**  
Speedfloor Pty Ltd

**Location**  
South Australia, Australia

## King William Street

STRUCTURAL / DEVELOPMENT AND CONSTRUCTION

South Australia, Australia

This project, located in Kent Town, South Australia, involved the addition of a new floor to an existing 2 storey building. Our approach was to install the polished concrete floor in a very short time, to limit any inconvenience the construction period would cause other building users.

To minimise the impact of this major installation we used long span trusses and a Speedfloor concrete floor system.

Steel trusses spanning the full width of the building eliminated the need for intrusive supporting posts, while the use of a lightweight Speedfloor concrete flooring allowed our client substantial time and cost savings.

External vertical trusses with full fixity, columns and footings were used to transfer the forces and limit deflections in the long spans.



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