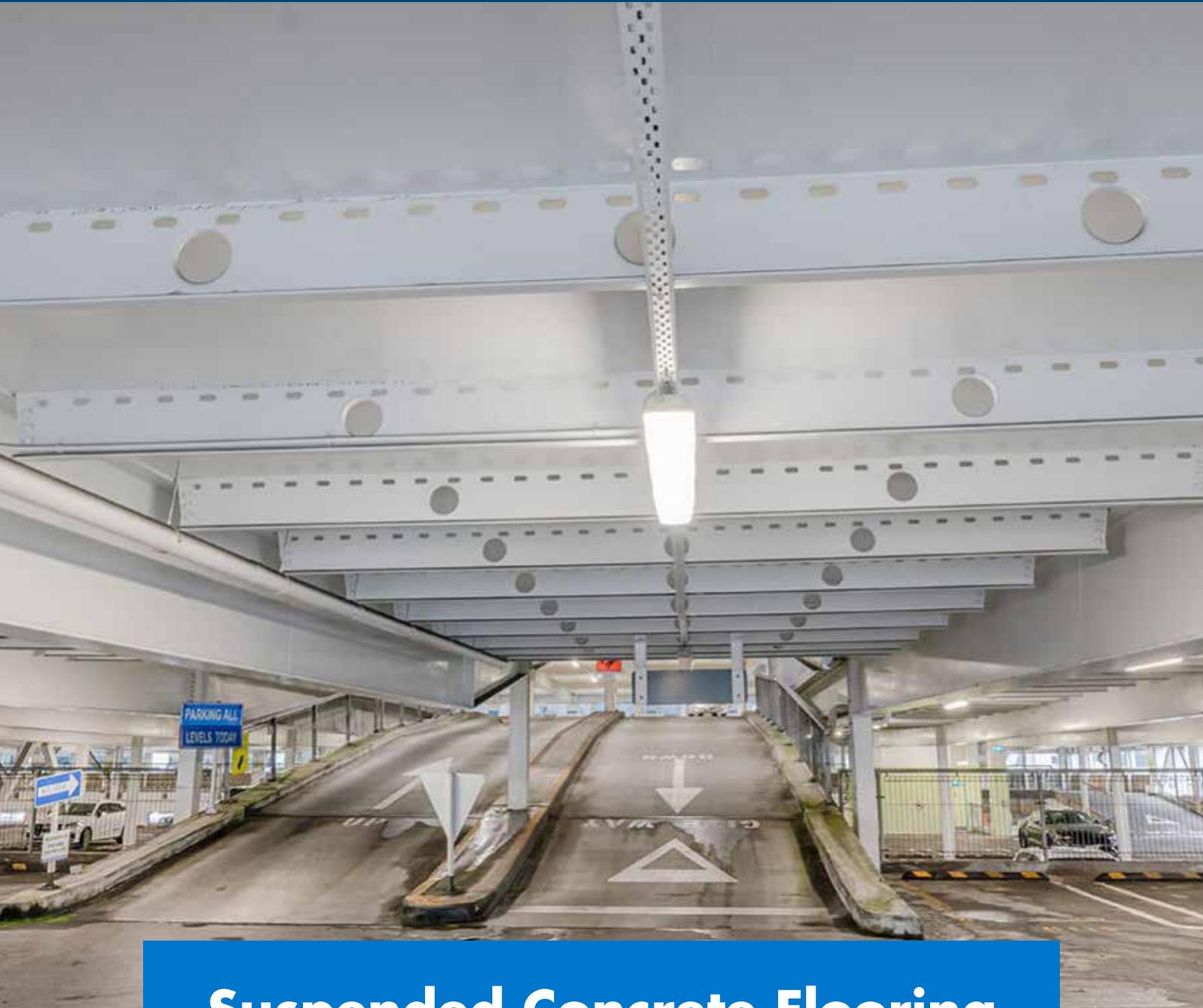


The Floor System The Others Look Up To



Suspended Concrete Flooring

A high precision, concrete composite floor with integrated, cold-formed, pre-galvanised steel joists for superior strength and accuracy.



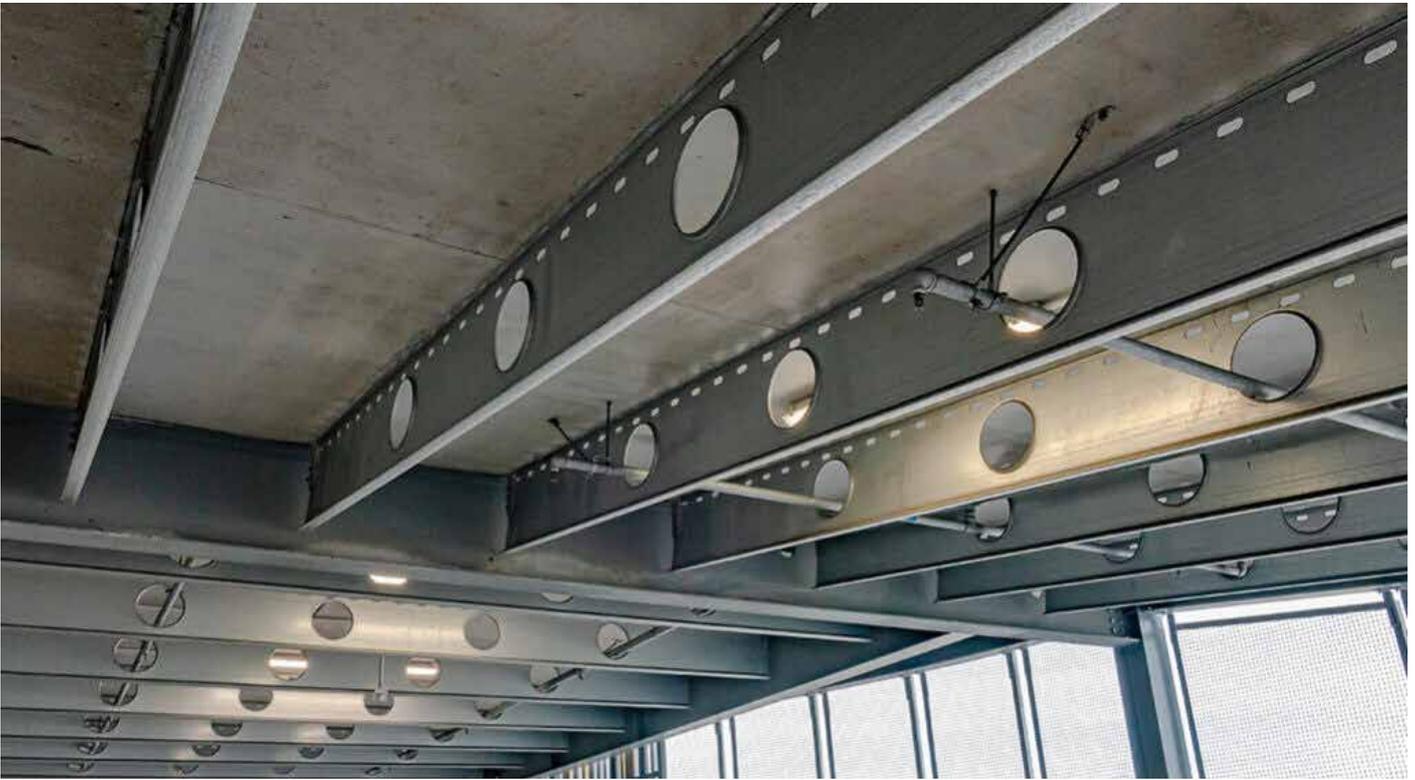
A Perfect Pour, Floor After Floor

The SPEEDFLOOR® Suspended Concrete Flooring is a unique, composite floor that makes light work of pouring anything from single level, to multi-storied structures. There is no propping required. Simply assemble the frame, add structural supports and you are ready to pour.

Applications

- The SPEEDFLOOR® concrete floor system is a proven performer in all types of construction, from steel structures, masonry buildings, poured in-situ or pre-cast concrete panels, to ICF, timber and cold formed steel frame construction. Manufactured from galvanised, high strength steel in a one pass roll-former, the frame is light enough to be manhandled into place for pouring. The ends are simply bolted to the joists which are then ready for transport to site with no propping or painting required.
- Slabs can be 90mm to 220mm in thickness. Minimum compressive strength of 25 mPa to achieve composite action is normally achieved within the first 72 hours of curing, depending on environmental conditions.

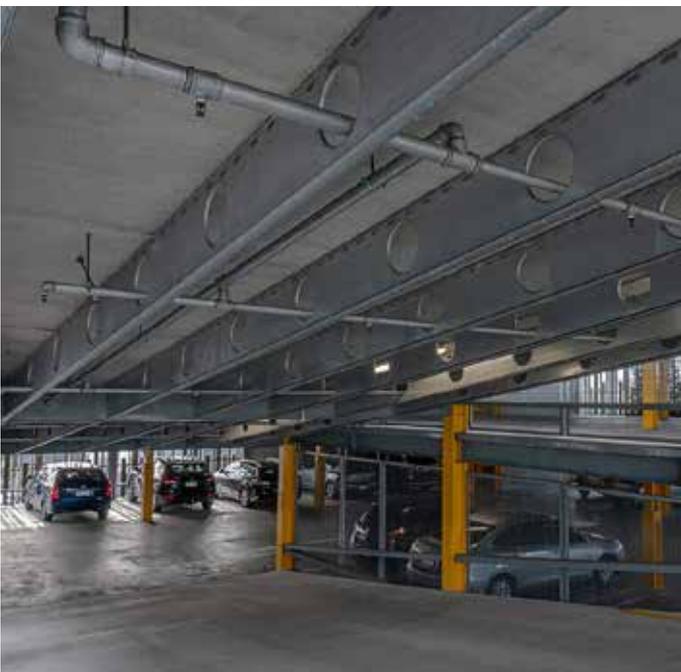




Structural Standards

The Suspended Concrete Floor meets Australian and NZ composite structural standards and the NZ Building Code standards for fire and acoustic performance.

The suspended slab can be fire rated by applying the SPM method developed by Heavy Engineering Research Association (HERA) without additional treatment of the steel joists or fire-rated plasterboard ceilings.



System Advantages

- Requires no propping.
- Reduces use of secondary steel, subject to structural requirements.
- Joists can be manually positioned, reducing the need for cranes.
- Provides a safe working platform during construction.
- Services can pass through the pre-punched holes in the joist.

3D Models

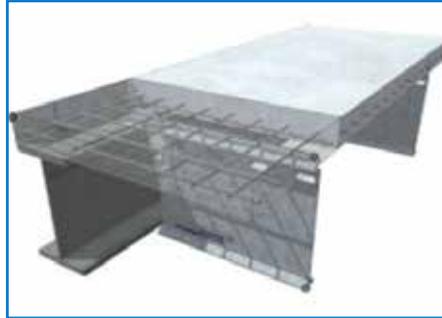


Steel Beam Support - Internal

See the 3D model at:

skfb.ly/6SDot

Or scan the QR code

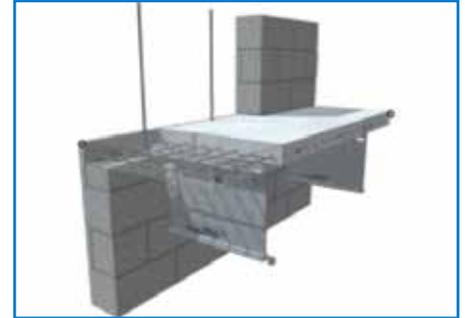


Steel Beam Support - External

See the 3D model at:

skfb.ly/6Sy9A

Or scan the QR code

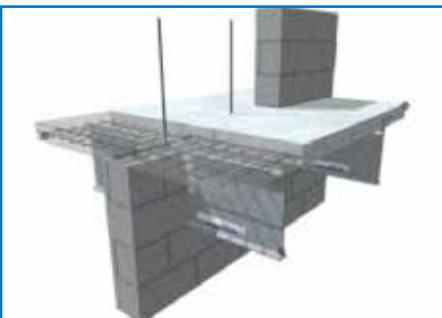


Masonry Wall Support - External

See the 3D model at:

skfb.ly/6SyuM

Or scan the QR code



Masonry Wall Support - Internal

See the 3D model at:

skfb.ly/6SyuL

Or scan the QR code

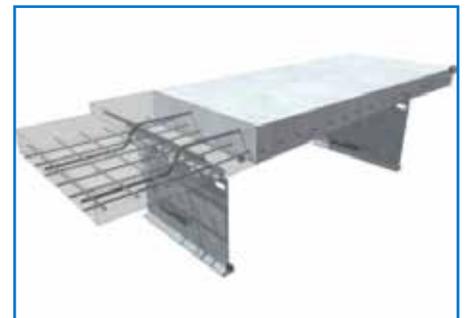


Concrete Beam Support

See the 3D model at:

skfb.ly/6SyuT

Or scan the QR code



50mm Step in Slab

See the 3D model at:

skfb.ly/6SyvU

Or scan the QR code

