



SPEEDFLOOR

Faster Lighter Easier

Warranty Statement

‘When supplied and installed in accordance with the manufacturer's specifications and design parameters using the span table Producer Statement for design, the Speedfloor steel joist system can reasonably be expected to be fit for purpose and meet the performance criteria set out in the New Zealand Building Code for a period of not less than 50 years’.

Design Principles -: Speedfloor has been designed to comply with NZS 3404, AS/NZS 4600:2005 and AS 4100. They also comply with Sensitivity deflection and Dynamic vibration requirements imposed by AS 3623.

Design Parameters -: The section properties and design parameters are calculated from the section geometry, supplementary full-scale tests and finite element analysis. Speedfloor steel joists have flanged service holes in the web to assist in web stiffening and to provide practical services access. Which are placed a minimum of 300mm away from any load bearing supports and at a minimum of 1000mm apart. The deadload of the span tables is calculated at 0.50 KPa. For continuous spans the max span is to be reduced by 15%. The span tables are available on request from a Speedfloor representative.

Material -: Speedfloor joists are rollformed from zinc coated steel coil conforming to AS 1397. The minimum mass coating of galvanizing is 275g/m². The standard steel used is Grade 250 and has a minimum yield stress of 250MPa and a minimum tensile stress of 280MPa.

If any doubt exists on the suitability of Speedfloor, approval should be sought in writing, as Speedfloor accepts no liability for the product other than when used in accordance with the manufacturer's specification.