

Structural Engineering Software

Powerful beam design software

Compos is a unique composite beam analysis and design software program. In addition to composite beam analysis and design, Compos can also perform footfall induced vibration analysis for regular composite floors including using Resotec Damping System.



Footfall induced vibration analysis for composite floors

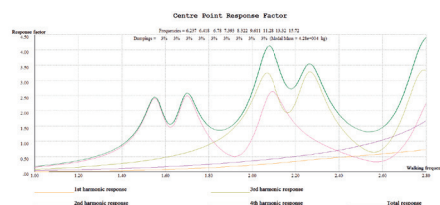
Compos is a powerful tool, which can handle composite beams with variable slab widths and thicknesses, tapered plate girders as well as web penetrations and notches, with or without stiffeners. Compos is used by many engineers looking for a complete composite beam analysis and design software offering.

Cost efficient software for designing composite beams

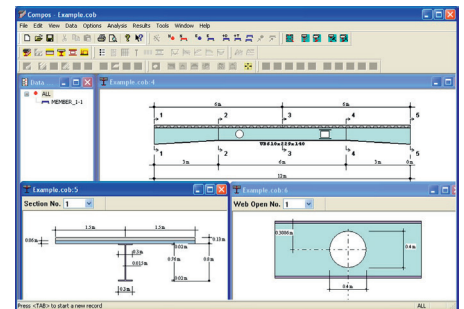


Analysis and design of composite beams

With Compos, users can design to ultimate and serviceability limit states, such as vibration frequency, deflection, beam weight and depth. Beams can be linked together, so that secondary beams load primary ones. The software does everything an engineer needs to analyse and design composite beams at construction and final stages — including automatically selecting beams and studs.



Compos floor response



Variable steel sections with openings

Benefits

- Analyse and design studed composite and non-composite steel beams with ease.
- Design to ultimate and serviceability limit states.
- Footfall induced vibration analysis for regular composite floor with and without Resotec Damping System from Richard Lees Decking. No other software can consider Resotec Damping in footfall analysis.



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