Cost savings in fire-rated slab design

Optimised composite slab reinforcement using moment re-distribution

Utilises the top flanges of Stramit Condeck HP® deck's unique enclosed rib

Calibrated for Fire Resistance Periods of up to 2 hours

Stramit Condeck HP® design procedure independently verified by BRANZ and CSIRO

Accuracy confirmed by full-scale and pilot fire tests

Procedure


2. Reduce positive FER (Fire Emergency Reinforcement) steel by the amount shown in the table. Note that standard shrinkage and temperature mesh may still be required. This is generally placed directly on to the ribs for thin slabs, but must be near the top face for thicker slabs.