

# SEPARATING FLOOR SOLUTIONS

We offer a range of pre-assembled floor cassette build ups with decking and a range of floating floor treatments.

These can be supplied and fitted as an optional extra. All solutions comply with RD Ltd Accreditation. These include:-

- Solid timber joists
- I-Beam joists
- Metal web joists
- Floating floor options
- Timber batten, insulation and flooring
- Cement particle board and acoustic matting

A hybrid solution (E-FT-4) provides different floor characteristics and dynamics, suitable for commercial or student accommodation buildings can also be provided.

### SERVICES INTEGRATION

Only vertical services should pass through the joist zone of a separating floor, with suitable fire collars installed at ceiling level to maintain the minimum fire performance of the floor. It is

recommended that heating, plumbing and electrical horizontal service runs are incorporated within a dropped ceiling below the plasterboard lining. Alternatively, these can be run within the floating floor above the structural decking where a batten system is utilised.

robustdetails

E-FT-1

Separating Floor – Timber I-Joists

**A** Floating Floor - 116mm (supply and fit E/over)

**B** Floor decking - 15mm thick (min) wood based board

**C** Joists - 235mm (min) timber I-Joists

**D** Absorbent Material - 100mm (min) mineral wool quilt insulation (10 - 36 kg/m<sup>3</sup>) between joists

**E** Resilient bars

**F** Plasterboard

Items **D, E, F** Supplied and fitted by others

E-FT-2

Separating Floor – Timber Solid Joists

**A** Floating Floor 116mm (supply and fit E/over)

**B** Floor decking - 15mm thick (min) wood based board

**C** Joists - 220mm (min) solid timber joists

**D** Absorbent Material - 100mm (min) mineral wool quilt insulation (10 - 36 kg/m<sup>3</sup>) between joists

**E** Resilient bars

**F** Plasterboard

Items **D, E, F** Supplied and fitted by others

E-FT-3

Separating Floor – Metal Web Joists

**A** Floating Floor - 116mm (supply and fit E/over)

**B** Floor decking - 18mm thick (min) wood based board

**C** Joists - 253mm (min) metal web joists

**D** Absorbent Material - 100mm (min) mineral wool quilt insulation (10 - 36 kg/m<sup>3</sup>) between joists

**E** Resilient bars

**F** Plasterboard

Items **D, E, F** Supplied and fitted by others

E-FT-4

Separating Floor – Timber I-Joists

**A** Floating Floor - 40mm Gyvlon Soundbar screed on minimum 500 gauge polythene on 34mm Finnforest Soundbar Board

**B** Floor decking - 15mm thick (min) wood based board

**C** Joists - 220mm (min) I-Beam (Finnjoist)

**D** Absorbent Material - 100mm (min) mineral wool quilt insulation (10 - 36 kg/m<sup>3</sup>) between joists

**E** Resilient bars

**F** Plasterboard

**G** Suspended ceiling finish

Items **A, D, E, F and G** Supplied and fitted by others

E-FT-5

Separating Floor – Timber I-Joists

**A** Floating Floor - Collecta® Screedboard 28 (supply and fit E/over)

**B** Floor decking - 18mm thick (min) wood based board

**C** Joists - 240mm (min) timber I-joist

**D** Absorbent Material - 100mm (min) mineral wool quilt insulation (10 - 36 kg/m<sup>3</sup>) between joists

**E** Resilient bars

**F** Plasterboard

**G** Suspended ceiling finish (minimum 150mm)

Items **D, E, F and G** Supplied and fitted by others

E-FT-6

Separating Floor – Metal Web Joists

**A** Floating Floor - Collecta® Screedboard 28 (supply and fit E/over)

**B** Floor decking - 18mm thick (min) wood based board

**C** Joists - 253mm (min) metal web joists

**D** Absorbent Material - 100mm (min) mineral wool quilt insulation (10 - 36 kg/m<sup>3</sup>) between joists

**E** Resilient bars

**F** Plasterboard

**G** Suspended ceiling finish (minimum 150mm)

Items **D, E, F and G** Supplied and fitted by others