

Separating floor - Pre-cast concrete plank

PCT solution to Robust Detail: E-FC-4

Screed laid on **CELLECTA RUBBERfon Impact 6** resilient layer

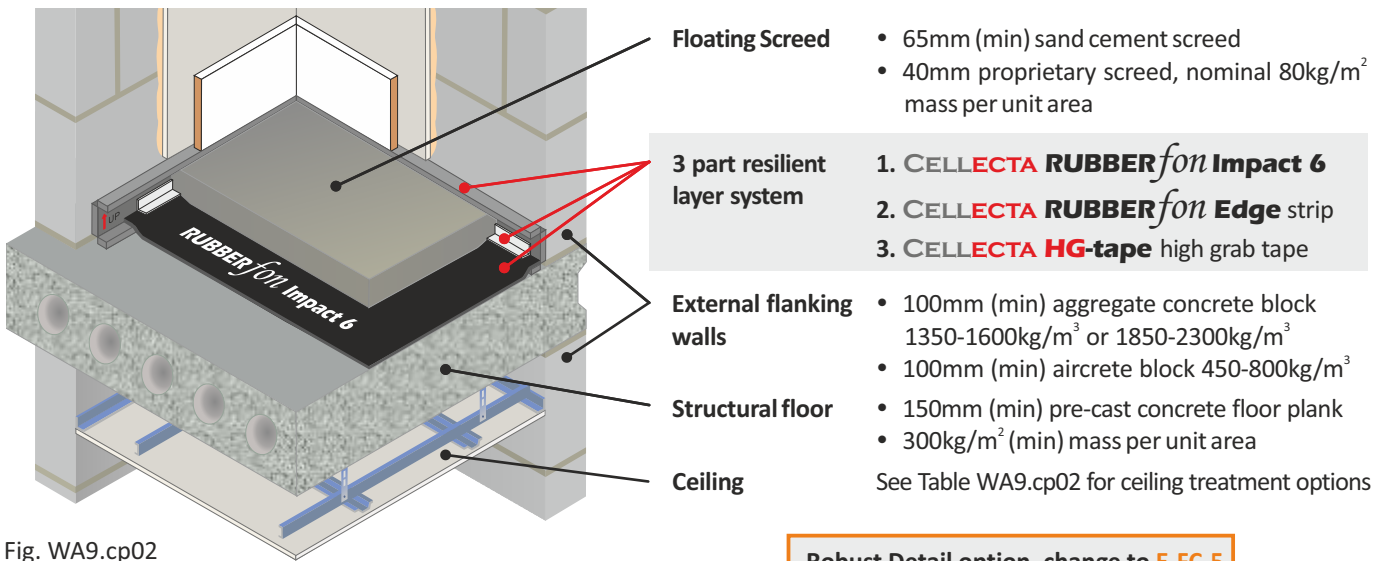


Fig. WA9.cp02

Robust Detail option, change to E-FC-5

Contact CELLECTA for how to change a registered Robust Detail

Table WA9.cp02a

Installation Options

Resilient layer under screed

RUBBERfon Impact 6
High density recycled rubber
Dimensions: 6mm x 1m x 8m (8m²)

CELLECTA HG-tape
High grab jointing tape
Dimensions: 50mm x 50mm

RUBBERfon Edge
Self adhesive perimeter edge strip
Dimensions: 5mm x 200mm x 40mm

50mm (min) overlap

Underfloor heating system within screed (with thermal insulation)

FLOOR 250/300/500
High compressive strength extruded polystyrene
Dimensions: 25-160mm x 600mm x 2500mm

Underfloor heating systems within screed (without thermal insulation)

Proprietary Screeds
When using a proprietary free flowing screed, RUBBERfon rolls can be tightly butted together and the joint sealed with HG-tape. Care should be taken to ensure there are no gaps in the resilient layer. Cover the RUBBERfon with a 500 gauge (min) polythene sheet, taping all joints and lapping up around the perimeter by 150mm.

Table WA9.cp02b

Ceiling Treatment Options

CT0 - Metal ceiling - 150mm void
To be used with 150mm (min) depth concrete planks

150mm (min)

One layer of nominal 8kg/m² gypsum-based board

CT1 - Metal ceiling - 100mm void
To be used with 200mm (min) depth concrete planks

100mm (min)

One layer of nominal 8kg/m² gypsum-based board

Acoustic Performance

Airborne:	51dB $D_{nT,w} + C_{tr}$	Building Regulations
Impact:	56dB $L_{nT,w}$	+ 5B

Values quoted are typical and based on the treatment being installed correctly and pre-completion tested (PCT).
Airborne performance tested in accordance with BS EN ISO 140-4:1998
Impact performance tested in accordance with BS EN ISO 140-7:1998
*Pre-completion testing require prior to full Robust Detail status being awarded.

Third Party Accreditation and Approvals

CRD Candidate* Treatment No.283

NHBC LABC warranty Premier Guarantee Accepted

BMTRADA ISO 9001

ISO 9001: 2015

Environmental Credentials

GWP <5

100% Recycled Rubber

zero ODP