

Separating floor - In-situ concrete slab

PCT solution to Robust Detail: E-FC-10

CELLECTA RUBBERfon Ultratop 3*/5 acoustic floor covering fully bonded to structural concrete floor

Suitable for Floor type 1.1

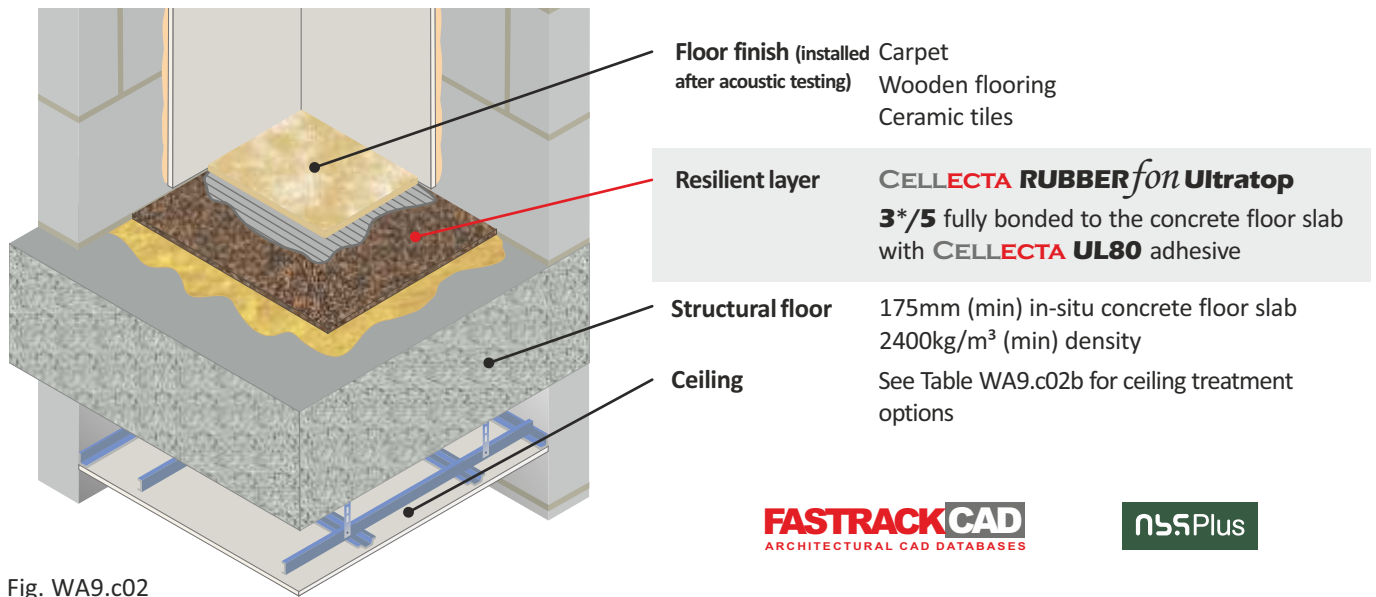


Fig. WA9.c02

Table WA9.c02a

Installation Options

Bonded acoustic floor covering
RUBBERfon Ultratop 3* High density rubber/cork acoustic floor covering
Dimensions: 3mm x 1m x 15m (15m²)

CELLECTA UL80
Floor covering adhesive
Size: 15kg tub (up to 80m² coverage)

Airborne 58dB $R_w + C_v$	Building Regulations ≥ +5dB
Impact 54dB $L_{nT,w}$ DL _w = 21dB	

Levelling screed (if required)

Bonded acoustic floor covering
RUBBERfon Ultratop 5 High density rubber/cork acoustic floor covering
Dimensions: 5mm x 1m x 10m (10m²)

CELLECTA UL80
Floor covering adhesive
Size: 15kg tub (up to 80m² coverage)

Airborne 58dB $R_w + C_v$	Building Regulations ≥ +5dB
Impact 52dB $L_{nT,w}$ DL _w = 23dB	

Levelling screed (if required)

Table WA9.c02b

Ceiling Treatment Options

Metal ceiling hung off CELLECTA AH50 acoustic hangers - 150mm void

One layer of nominal 10kg/m² gypsum-based board

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

One layer of nominal 10kg/m² gypsum-based board

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

One layer of nominal 10kg/m² gypsum-based board

Construction notes
(a) Floor type 1.1: Concrete base with ceiling and soft floor covering.
(b) Ceramic tile must be installed in accordance with the manufacturer's instructions.

Acoustic Performance

Test data quoted has been conducted in a UKAS accredited laboratory in accordance with Approved Document E: Annex B: Procedures for sound insulation testing.
Airborne results tested in accordance with BS EN ISO 140-3:1995
Impact results tested in accordance with BS EN ISO 140-6: 1998
*Pre-completion testing require prior to full Robust Detail status being awarded.

Third Party Accreditation and Approvals



Environmental Credentials

