

Separating floor - In-situ concrete slab

CELLECTA *DECKfon Ultralay 5* acoustic floor covering fully bonded to structural concrete floor

Suitable for Floor type 1.1^(a)

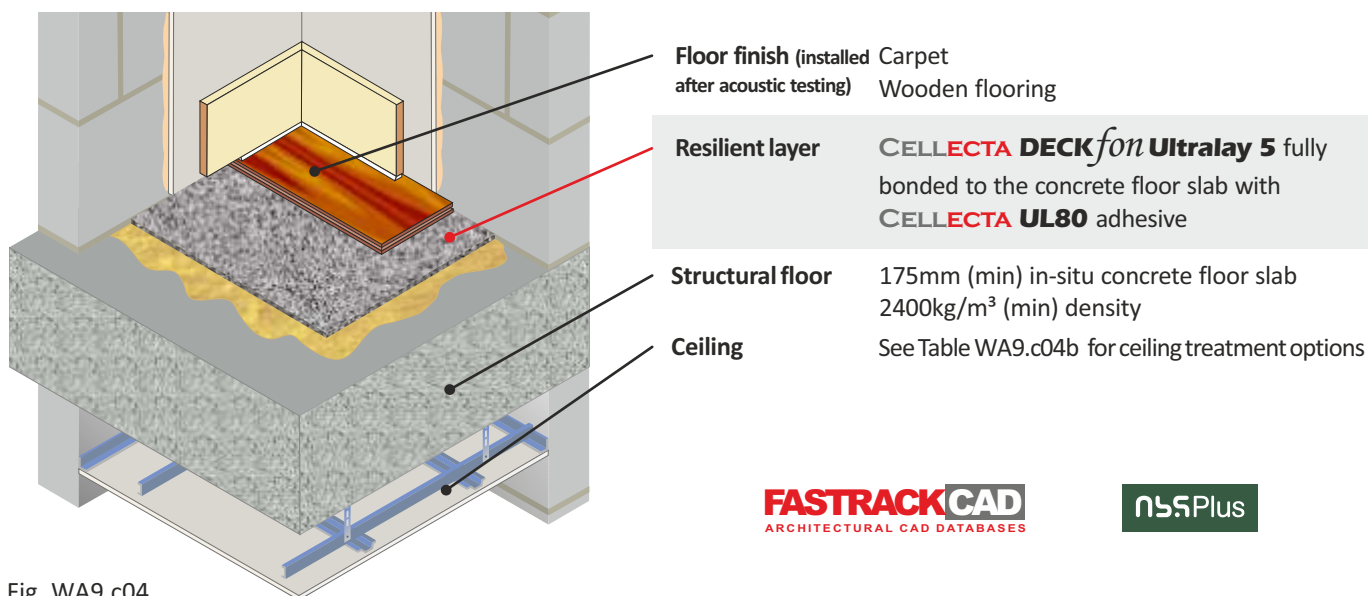


Fig. WA9.c04



Table WA9.c04a

Installation Detail

Bonded acoustic floor covering
DECKfon Ultralay 5 High density recycled acoustic floor covering
 Dimensions: 5mm x 1.2m x 10m (12m²)

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

Levelling screed (if required)

Airborne 53dB $R_w + C_{tr}$	Impact 45dB $L_{nT,w}$ 31dB DL_w	Building Regulations ≥ +8dB
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Table WA9.c04b

Ceiling Treatment Options

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

150mm (min)

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

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

Construction notes
^(a) Floor type 1.1: Concrete base with ceiling and soft floor covering.

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
 DLw measured in accordance with BS EN ISO 140-8: 1998 and do not include the additional benefit of a ceiling treatment.

Third Party Accreditation and Approvals



Environmental Credentials

