TECHNICAL FLOORING DATASHEET
09

Part E of the Building Regulations sets out the requirements for the prevention of passage of sound through separating floors and walls within dwellings. The requirements of Part E can be met by adhering to the set criteria published by Robust Details within their approved set of details. Table 3a within Robust Details sets out the requirements of the various wall and floor construction types and their corresponding combinations.

Technical Note
Robust Details E-FC-5 – September 2026

Separating walls		Separating floors				
		E-FC-1 E-FC-11 E-FC-12 E-FC-13 E-FC-14	E-FC-15 E-FC-16 E-FC-17 E-FC-19	E-FC-4	E-FC-5	E-FC-6 E-FC-7	E-FC-8 E-FC-9 E-FC-10
E-WM-1 E-WM-3	E-WM-16 E-WM-18	✓		✓	✓	✓	✓
E-WM-2 E-WM-4 E-WM-5 E-WM-11 E-WM-20 E-WM-21	E-WM-26 E-WM-27 E-WM-28 E-WM-32 E-WM-33	✓		✓	✓	F	✓
E-WM-6 E-WM-10 E-WM-13	E-WM-23 E-WM-24 E-WM-30	F		✓	✓ see note 1	F	✓
E-WM-12	E-WM-34	F		✓	F	F	F
E-WM-17	E-WM-22	✓ see note 2		✓	✓ see note 2	F	✓ see note 2
E-WM-25	E-WM-29	F		✓	F	F	F

Table above –
Table 3a – Robust Details combinations

Key

F Only the separating floor requires pre-completion sound testing.

[1] Where this combination is selected, 200mm (min) thick precast concrete planks and ceiling treatment CT5 must be used.

[2] This combination can only be selected where the separating wall construction does not include Plasmor Aglite Ultima blocks (1050 kg/m^3).

It is worth noting that floor type E-FC-5 requires a minimum floor thickness of 200mm when used with certain types of walls. As such it may be that even though the span of the floor elements is short and well within the capabilities of a 150mm thick precast plank it will have to be a minimum of 200mm.

More information of the wall and floor construction types can be found within the full Robust Details handbook.

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