

CONFIDENTIAL MATERIAL USED ONLY FOR THE PURPOSE OF THE COURSE PLEASE

The wall construction recommendations from QDC MP4.4 are included in the table below. Note that these are not the only allowable methods of construction and alternative constructions to achieve the required R_w ratings may also be provided. QDC Noise Categories are nominated in Table 5.

Table 7: QDC typical wall construction

QDC Noise Category	Wall R_w	Minimum Wall Treatments
1	35	Single leaf of clay brick masonry at least 110mm thick with: (i) a row of at least 70mm x 35mm timber studs or 64mm steel studs at 600mm centres, spaced at least 20mm from the masonry wall; and (ii) One layer of plasterboard at least 10mm thick fixed to outside face of studs OR Minimum 6mm thick fibre cement sheeting or weatherboards or plank cladding externally, minimum 90mm deep timber stud or 92mm metal stud, standard plasterboard at least 13mm thick internally.
0	n/a	Standard Construction

8.1.4 Roof Construction

The roof construction recommendations from QDC MP4.4 are included in the table below. Note that these are not the only allowable methods of construction and alternative constructions to achieve the required R_w ratings may also be provided. QDC Noise Categories are nominated in Table 5.

Table 8: QDC typical roof construction

QDC Noise Category	Roof R_w	Minimum Roof Treatments
1	35	Concrete or terracotta tile or metal sheet roof with sarking, plasterboard ceiling at least 10mm thick fixed to ceiling cavity.
0	n/a	Standard Construction

8.1.5 Entry Doors

The entry door construction recommendations from QDC MP4.4 are included in the table below. Note that these are not the only allowable methods of construction and alternative constructions to achieve the required R_w ratings may also be provided. QDC Noise Categories are nominated in Table 5.

Table 9: QDC typical entry door construction

QDC Noise Category	Entry Door R_w	Minimum Entry Door Treatments
1	28	Fixed so as to overlap the frame or rebate of the frame, constructed of - (i) Wood, particleboard or blockboard not less than 33mm thick; or (ii) Compressed fibre reinforced sheeting not less than 9mm thick; or (iii) Other suitable material with a mass per unit area not less than 24.4kg/m ² ; or (iv) Solid core timber door not less than 35mm thick fitted with full perimeter acoustically rated seals.
0	n/a	Standard Construction