

Abstract

To provide a connection structure between partition walls and a floor slab, and a method for constructing the connection structure, in which a wall material facing a vertical compartment is accurately attached to studs, without any deformation of runners and damage of the connection structure even if pressing forces are applied from the studs to the runners. A connection structure 100 configured to connect a first partition wall 30 and a second partition wall 40 to a floor slab 20 is provided. The first partition wall 30 and the second partition wall 40 are connected to the floor slab 20, and separate a vertical compartment 10 from an upper floor room 13 and a lower floor room 15 that are located adjacent to the vertical compartment 10 and above and below the floor slab 20. A lower runner 31 configured to accommodate a lower end of a first stud 32 is placed on the floor slab 20. An upper runner 33 configured to accommodate an upper end of a second stud 34 that forms the second partition wall 40 is placed below the floor slab 20. A first wall material 50 is fixed to the first stud 32 through a first back batten 80A and fixed to the second stud 32 through a second back batten 80B. The first wall material 50 extends from the first stud 32 to the second stud 24 in the vertical compartment 10.

Fig.3