

Modular Integrated Construction Connection Structure Between Modules and Its Construction Method

This invention discloses a connection structure of modular integrated construction and its construction method. The connection structure includes the adjacent connection walls of adjacent MiC modules. At the two ends of the steel reinforcement increased space (4) between the two adjacent connection walls, several rows of embedded parts (5) arranged vertically are fixedly set on the opposite side of the two adjacent connection walls. The embedded parts (5) on both sides correspond one by one horizontally and are connected through the central connector (6). The central connector (6) includes a vertical rod (62) and several middle connecting pieces (61) fixed to the vertical rod (62) and provided with two connecting holes (63) on the left and right. By using the vertical through connecting rebar (7) to pass through the connecting hole (63) and the vertical through-hole (51), the embedded parts (5) on the left and right sides and the central connector (6) are connected together. The connection structure of this invention is simple to operate and easy to realize, the overall load bearing at the connection of adjacent walls is better, which can save labor and reduce construction costs.

Abstract drawing: Figure 10