

【ABSTRACT】

TITLE: PREFABRICATED STEEL FRAME FOR STEEL-CONCRETE COMPOSITE

Disclosed is a prefabricated steel frame for a steel-concrete composite member to be used as a line assembly single member by connecting adjacent section steels to each other by a lattice and coupling a form with outer sides of the adjacent section steels. The prefabricated steel frame for a steel-concrete composite member installed at a steel-concrete composite member used as a column or a beam having a polygonal section, and the prefabricated steel frame includes: a plurality of L shaped section steels spaced apart from a surface of the steel-concrete composite member by a predetermined distance; lattices including both ends coupled with outer sides of the adjacent L shaped section steels to connect the adjacent L shaped section steels to each other, respectively; and forms coupled with outer sides of the lattices, respectively, wherein each of the lattices includes an inner flange coupled with an outer side of the L shaped section steel, a web vertically bent outward from an end of the inner flange, and an outer flange vertically bent upward or downward from another end of the web to be coupled with the form, and further comprises a reinforcing part provided at one side of the outer flange to suppress bending deformation of the outer flange.

Figure. 1