~~METHOD OF MANUFACTURING AND ASSEMBLY of A SERIES OFPREFABRICATED PREFINISHED VOLUMETRIC CONSTRUCTION (PPCV) MODULES~~

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Technical Field of the Invention

The present invention relates to a method of manufacturing a series of prefabricated prefinished volumetric construction (PPCV) modules; and to a method of assembling the same.

Background of the Invention

Prefinished-Prefabricated-Volumetric-Construction (***PPVC***) units are currently being used to quickly and efficiently construct buildings. This construction technique requires neighbouring units to be coupled together. Any such couplings need to ensure adequate structural continuity between adjacent modules. It is generally desirable to provide an effective and cost efficient module connection system.

It is desirable to construct PPVC modules such that the modules can be assembled with very small tolerances. It is also desirable to ensure that joined modules provide vertical and horizontal structural continuity.

It is generally desirable to overcome or ameliorate one or more of the above mentioned difficulties, or at least provide a useful alternative.

Summary of the Invention

According to the present invention, there is provided a method of manufacturing a series of prefabricated prefinished volumetric construction (PPCV) modules, including the steps of:

(a) casting a slab of a new module in the series of modules against an adjoining slab of a previous module in the series of modules;

(b) casting opposed walls of the new module on opposed sides of the slab, wherein one of said walls is cast against an adjoining wall of said previous module;