

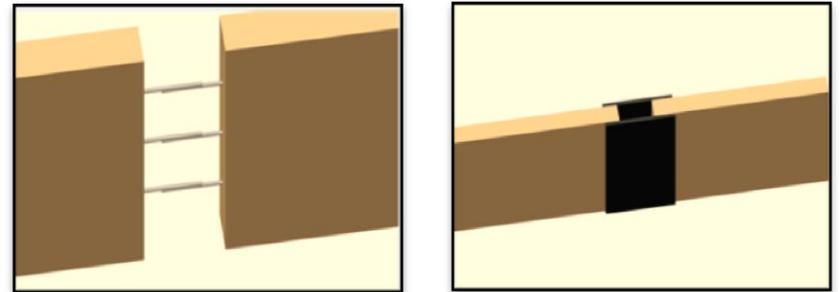
# CLICK CONNECTOR

The innovative solution to  
connect prefabricated  
solid walls

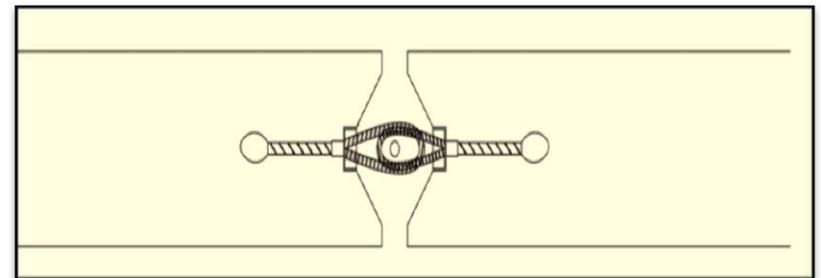


The conventional systems to connect prefabricated walls are very time, material and money consuming. They demand specialized work force, recesses in the elements where the connection loops are placed and the installation of tilt up braces while the gaps are filled with concrete.

Example of the wall connection system where metal bars that are pre-installed in the elements are welded together and the remaining space between the elements is closed with concrete on site.



Example of the wall connection system, using wire loop boxes fixed through a metal bar which is placed between the loops. This system requires a larger recess in the element in order to install and connect the loops.



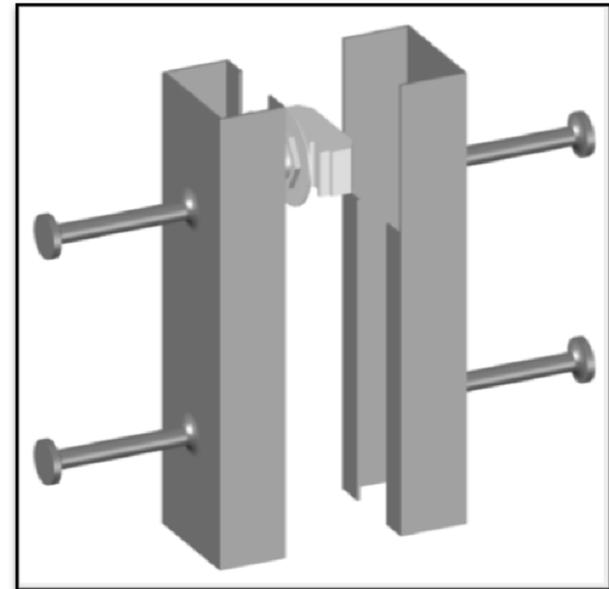
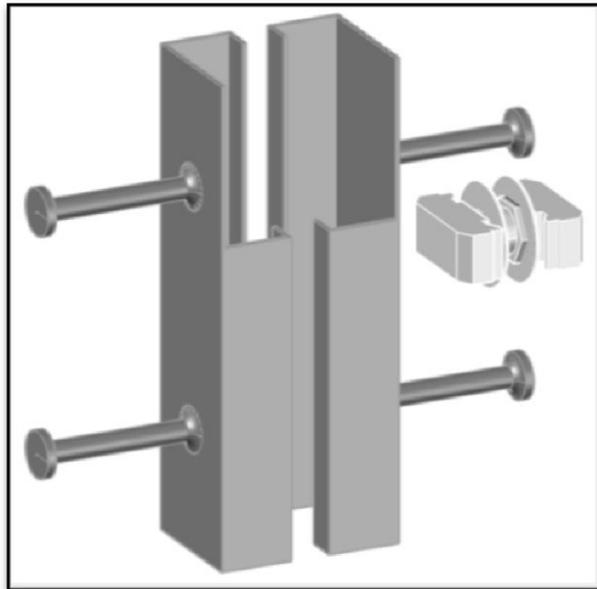
We have developed a simple, practical,  
fast and low cost solution

## THE CLICK CONNECTOR



The Click Connector is a patented system based on our technically approved PTA anchor channels with special openings at the top, that are pre-installed in the prefabricated walls.

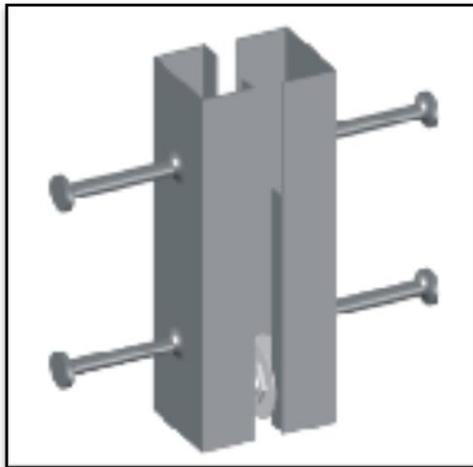
The Click Connector consists of a pair of anchor channels that are connected with a special double hammer head bolt.



We developed 2 different types of connectors:

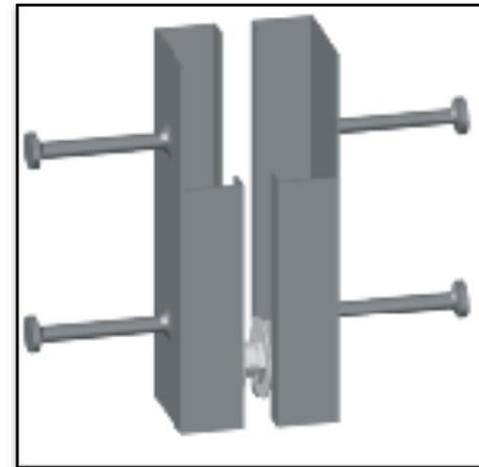
### Type 1: Male/ female

The female channel has an enlarged opening at the top, where the special double hammer head bolt can be inserted



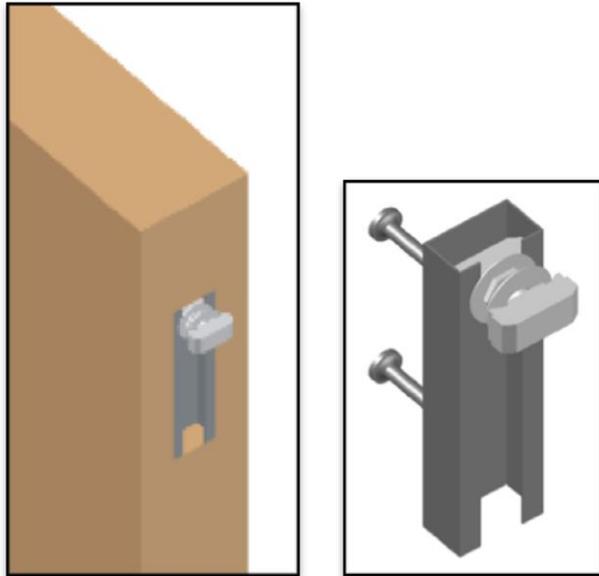
### Type 2: Side openings

Both of the channels have a side opening into which the special bolt can be inserted

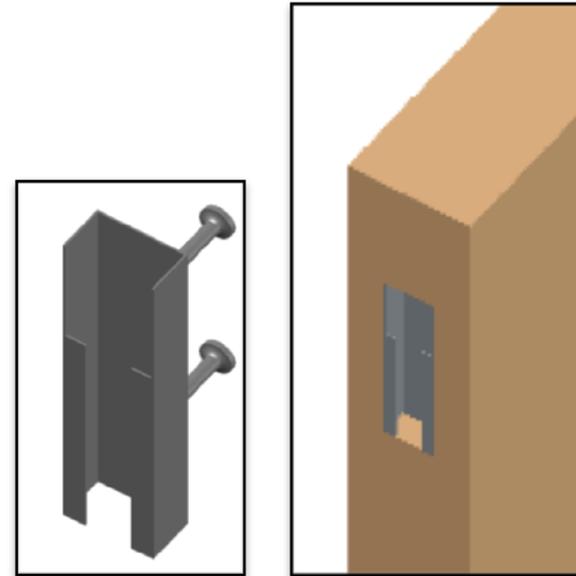


# Type 1: Click Connector with male and female PTA anchor channels

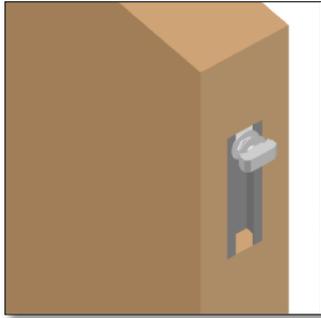
Male PTA anchor channel



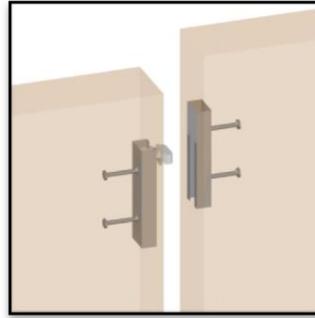
Female PTA anchor channel



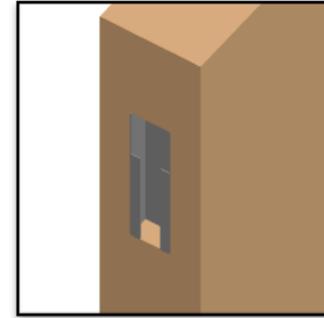
## Installation process for Click Connector Type 1



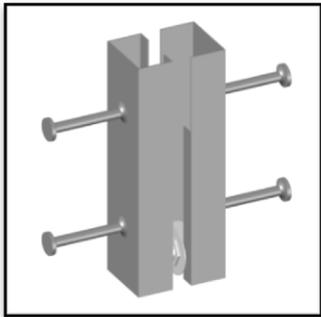
1. On site, the wall with the male anchor channel and pre-installed bolt is placed



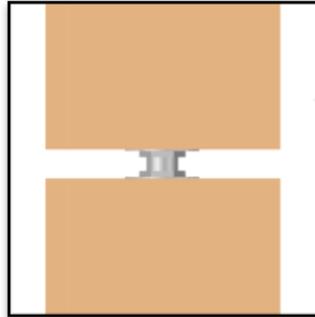
2. The second wall with the female anchor channel is moved towards the already placed element



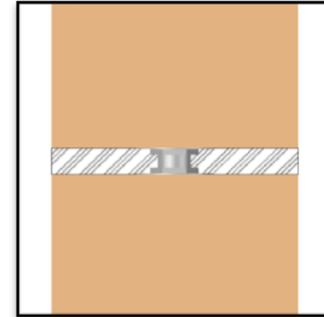
3. Insert the other side of the double hammer head bolt into the opening at the top of the female channel



4. The double hammer head bolt is released on the nut and automatically drops down within the slots of both channels



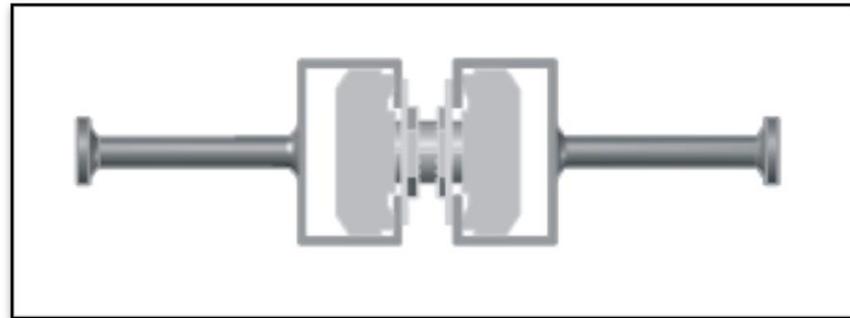
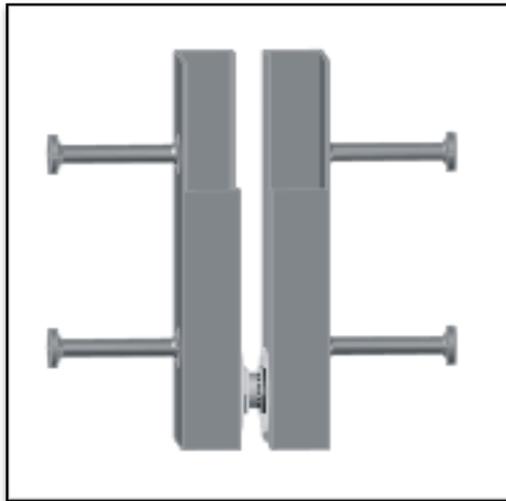
5. Both washers are secured by tightening the nuts. Immediately a tight and pressure-resistant connection is formed



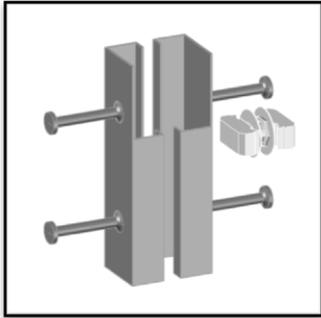
6. Finally, the small gap between the walls (10 – 20 mm) can be closed with a grout or thixotropic cement. This step can be simplified with our Fluxx System

## Type 2: Click Connector with PTA anchor channels with side openings

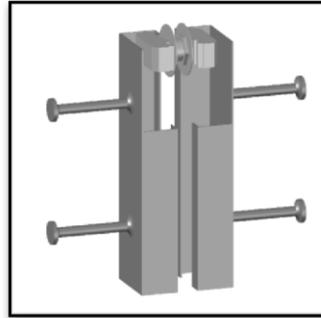
For the Click Connector with side openings (type 2), the hammer head bolt does not need to be pre-installed in the PTA anchor channel. The double hammer head bolt is inserted through the side openings on the top of the anchor channels when both walls are already placed side by side.



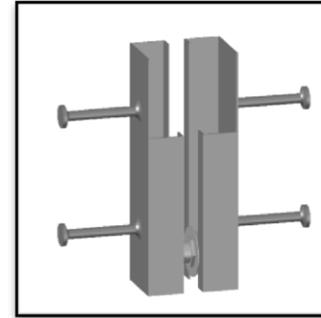
## Installation process for Click Connector Type 2



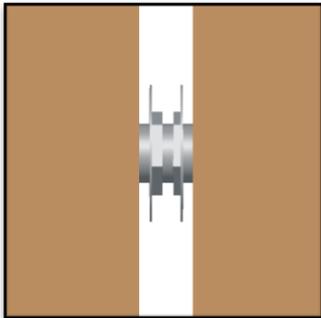
1. On site, place both walls with the pre-installed anchor channels side by side



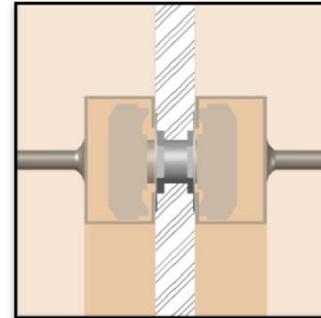
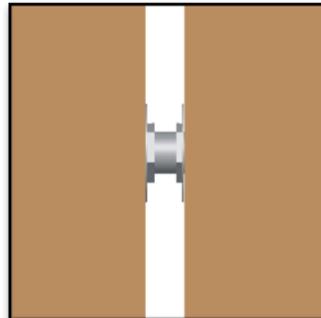
2. Insert the double hammer head bolt into the openings at the top of both channels



3. Automatically, the double hammer head bolt drops down within the slots of both channels



4. Both washers are secured by tightening the nuts. Immediately a tight and pressure-resistant connection is formed.

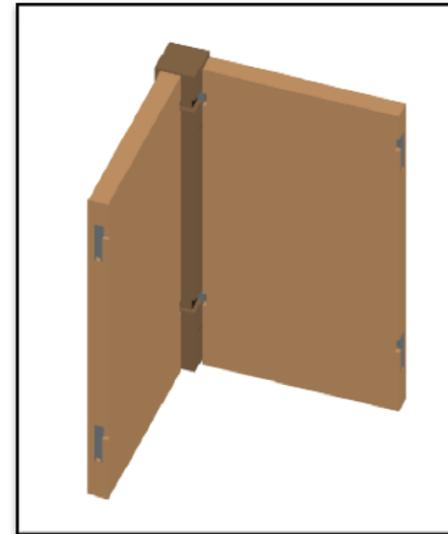


5. Finally, the small gap between the walls (10 – 20 mm) can be closed with a grout or thixotropic cement.

## Connecting walls with columns

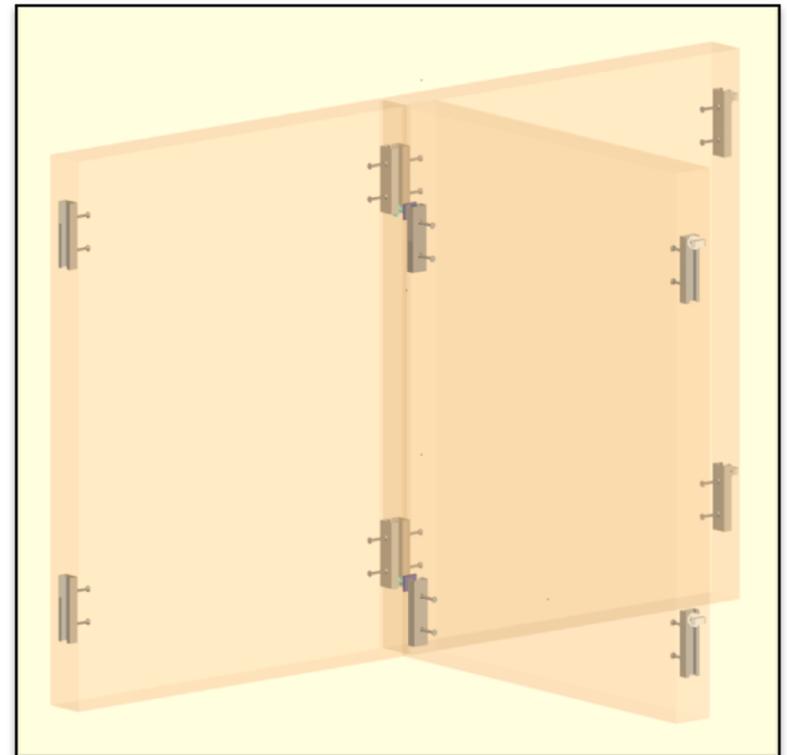
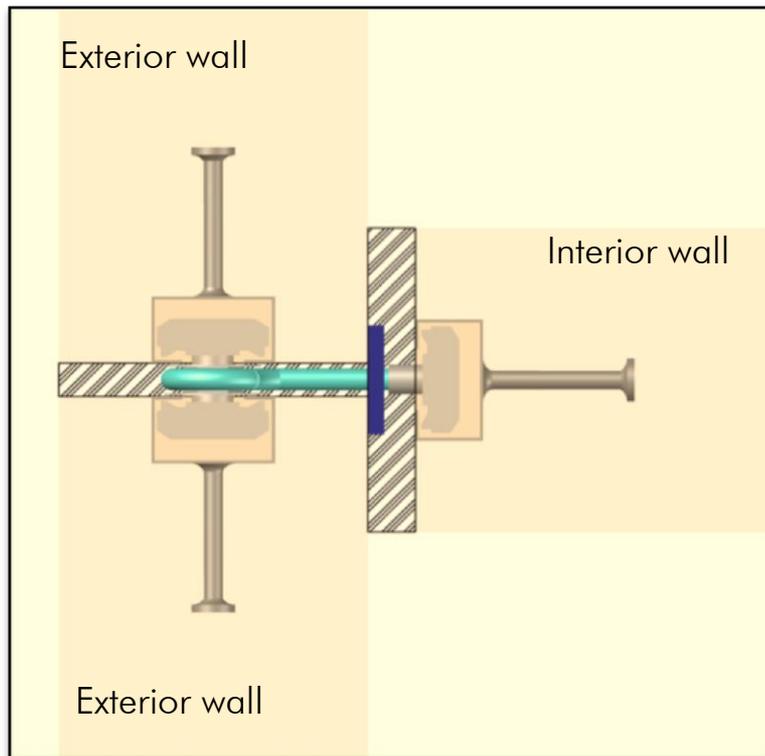
Both variations of the Click Connector can also be used to connect walls with columns. The process is the same, you simply need to pre-install the PTA anchor channels in the columns and walls, at the predefined position of connection.

Constructing corners with columns is also very fast and simple, just pre-install all the connections required at the factory. By using the Click Connector you can connect two, three or even four walls to a column.

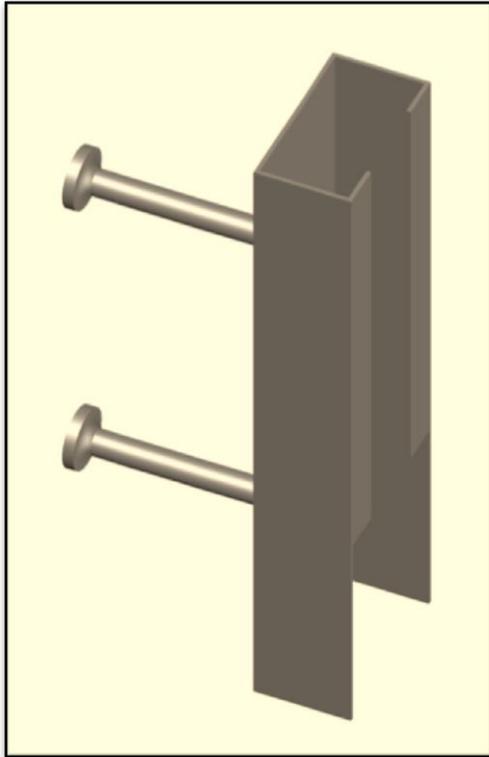


## Connecting interior walls with Click Connector + Hook Connector

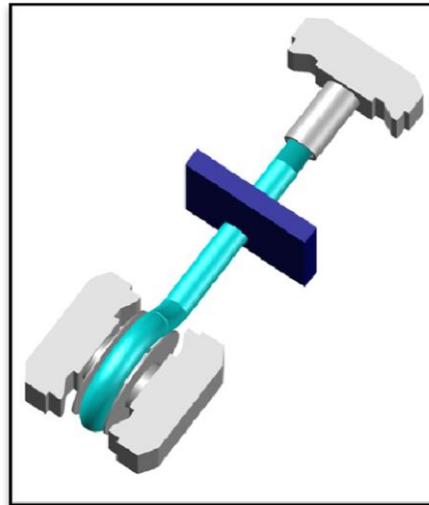
In case of not having columns, interior walls can be connected to the exterior walls by using our Hook Connector.



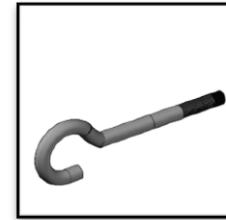
# Connecting interior walls with Click Connector + Hook Connector



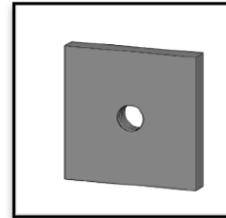
Anchor Channel



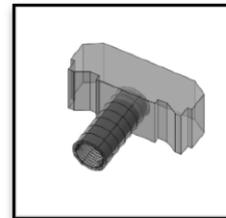
Hook Connector



Hook

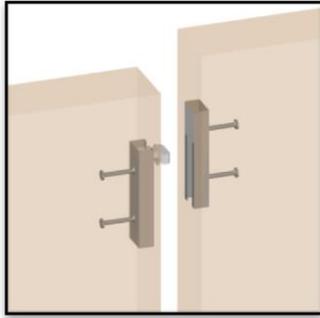


Plastic plate  
inside thread

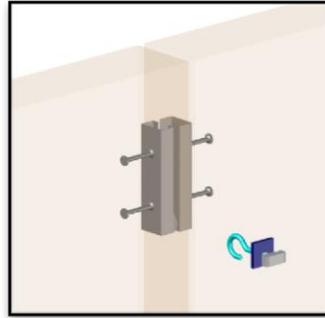


Hammer head  
bolt with  
threaded socket

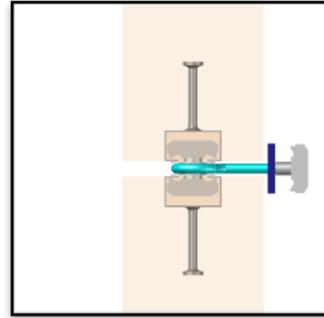
## Installation process of connecting interior walls



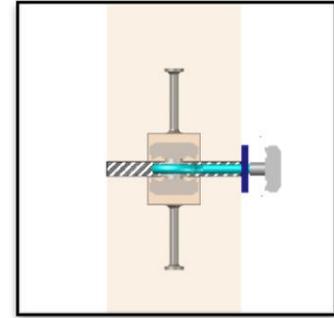
1. Connect the exterior walls with the Click Connector (both types - male/female or side openings - can be used)



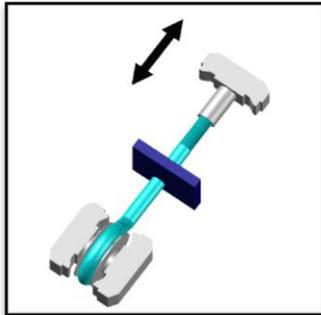
2. Place the Hook Connector between the nuts of the bolt of the Click Connector



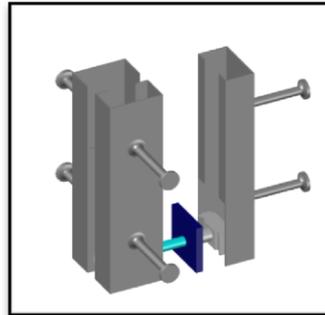
3. Fix Hook Connector with the plastic plate with inside thread to the exterior walls



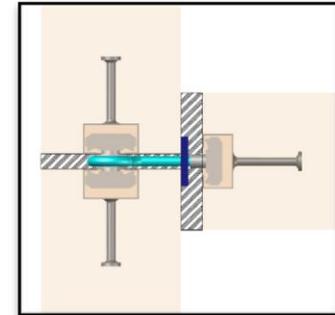
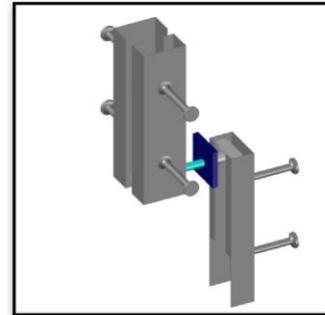
4. Fill the gap between the exterior walls



5. Adjust the hook in the threaded socket of the hammer head bolt



6. Mount the interior wall by fixing the hammer head bolt in the enlarged opening of the anchor channel and low the wall



7. Fill the gap on the inner wall

## The advantages of the Click Connector:

- Prefabricated walls can be connected in less than one minute
- It can be used to connect walls to walls as well as walls to columns (also including interior walls)
- The fixation is immediate, no tilt up braces are required
- There is no need to make welding connections, or use complex concreting nodes solutions
- The crane time and general time of construction are greatly reduced, resulting in important cost reductions and faster building