

Leegoo



remountable buildings

Circular economy in building construction

***To build remontably is good for the environment.
Less consumption of nature, flexible use of space.***

***To build remontably is good for our wallet.
Clearly cheaper, at the same time better.***

***To build remountably comes along with building
faster and cleaner. That is the third advantage.
Organized megaproduction of big 'bricks' in prefab-factories ensures
high quality and fast delivery.***

www.remondo.jaaaa.net

The new technology to build houses surprises by its simplicity. The new 'brick' for a building is a whole wall of a room, with the needed infrastructure for water and electricity and insulation inside the wall, build in in the prefab-factory.

Step 1: The floor is layed out first. Then the 4 walls are clicked with its special bolts into the special locks in the edges of the floor, one by one. And interconnected with each other, via optimized boolts and locks also, fixed by crossbars. Then the ceiling is clicked on top of it via optimized boolts and locks ; ready is a room.

Bolts and locks are not new. New is a) optimization of bolts and locks to withstand great breaking forces and b) positioning of bolts and locks in such a way, that a set 1 of bolts/locks is defending the small and therefore weak sides of a set 2 of bolts/locks against breaking forces with its long and therefore strong sides. And viceversa.

This connection technology is producing surprise-reactions of experts. They have never seen that before. An official patent office recherche revealed, that this useful simple technology is really new.

The ceiling of a room and the floor of a room above can melt together into a ceiling-floor-element. Thus the next unit can be built on top of the units beneath it. Siamesic twins 1

In version 2 comes the presentation of a technology to connect units in horizontal direction. Then big complexes of units can arise. The rooms can be quadrangular or polygonal. Much is possible.

The large bricks of the building are connected to each other without nails, without screws and without glue by means of optimized large bolts on the edges of large bricks (walls) type 1, which slide into the lock openings of large bricks (walls) type 2. Sliding back of bolts is blocked by optimized crossbars. Elastic seals between the elements close off the room from the outside. Rain, wind, noise stay outside.

This manner to build remountably makes, that you can pull out first the crossbars, then the bolts without damage, without destruction. All 'bricks' can be remounted simply and fast, can be pulled out fast and can be mounted together fast in another place. That is really environment-friendly, saves money and time and reduces the rubble by an estimated 60%. A huge win for everyone.

With version2 of the Leegoo-System /Remonto-System it is possible to build many floors high, without heavy framework out of steel or steel concrete. Higher buildings up to 100 stories can use the new technology, sparing mass and costs, by integrating remountable units into the framework.

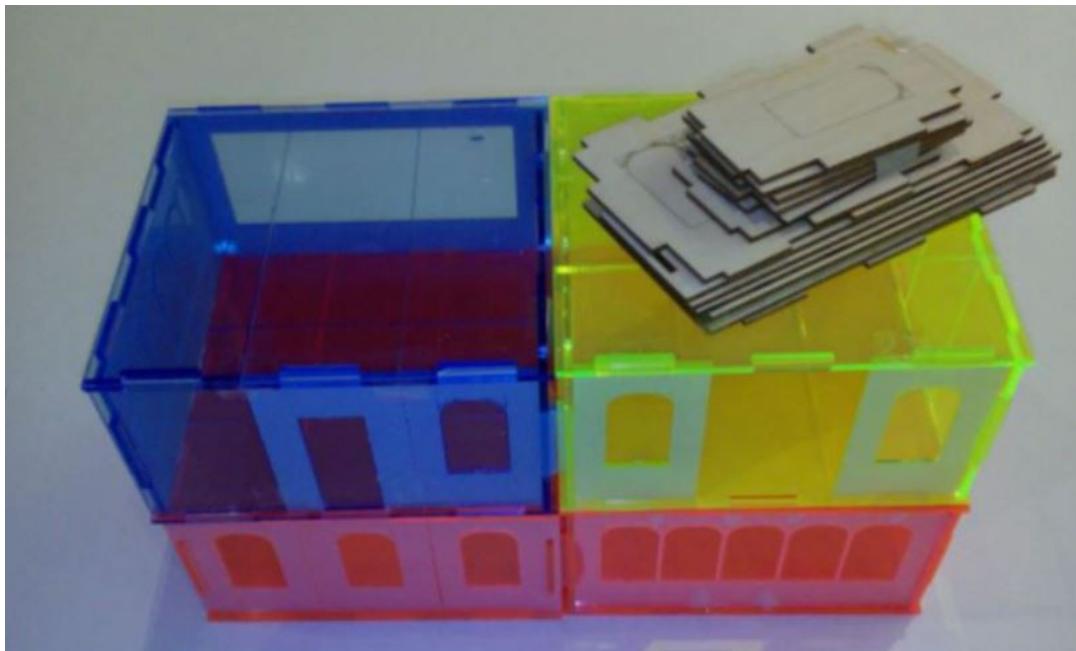
At LEGO, with 1 'e' and 1 'o', the bricks are blocks or plates. The (round) click elements are distributed over the walls, are elastic and have no crossbars, are not optimized in terms of force absorption,. They can be pulled apart with little force. Not usable for construction of real houses.

At LEEGOO, the bricks are large plates becoming walls. The click elements are placed on the edges of the walls (bolts) and in the edges of the walls (locks), are optimized in terms of force absorption, are not elastic and have crossbars. They are the bricks for the House of the Future.

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Demonto – optimized bolts with crossbars – version1 - www.demonto.jaaaa.net



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