

Leegoo



remountable buildings

Technology for 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.leegoo.jaaaa.net

Cities, built with Leegoo, which can change their faces, cities, which can change their panorama: that is the future. What does not find consent, is rebuilt. Until all is fine. Never before this has been possible! The high costs of destruction and new building cemented the mistakes of the past. With Leegoo this is gone. Instead fast and clean change, lowcost and simple.

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

Step 1: The floor is laid out first. Then the 4 walls are clicked with its special latches into the special locks in the edges of the floor, one wall after the other. And interconnected via optimized latches and optimized locks also, fixed by cross-latches. Then the ceiling is clicked on top of it via optimized latches and locks. Ready is one room. Ready is one unit.

latches and locks are not new. New is a) optimization of latches and locks to withstand big breaking forces and b) positioning of latches and locks in such a way, that latches of orientation 1 are protecting the small and therefore weaker sides of latches of orientation 2 against breaking forces with their long and therefore stronger sides. And viceversa. 90°-protection !

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

Ceiling of a room and floor of a room above can melt together into a ceiling-floor-element. Thus a next unit can be built on top of the units beneath it. Siamesic twins ! In version 2 comes the technology to connect units in horizontal direction, remountably. 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 latches on the edges of large bricks A (walls, floors, ceilings), which slide into the optimized lock openings in touching parts of large bricks B (walls, floors, ceilings). Sliding back of latches 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 latches 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.***

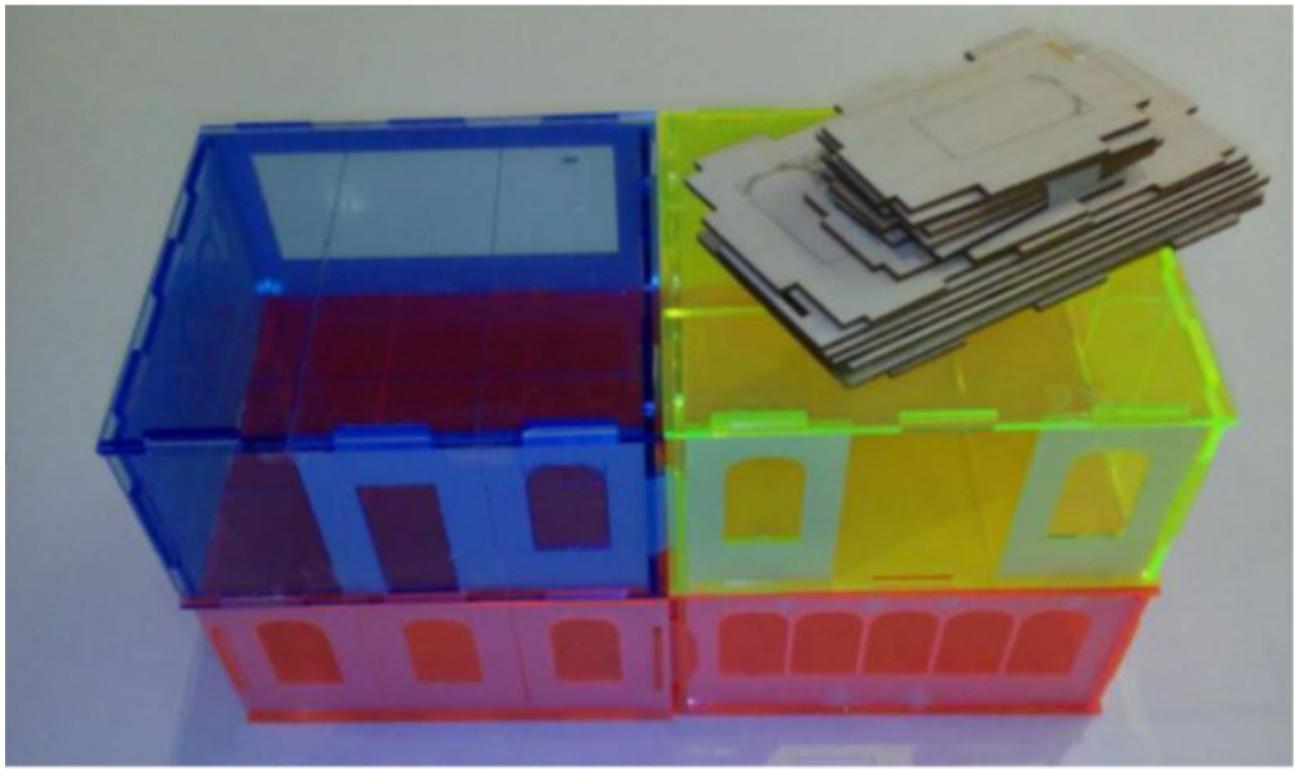
At LEEGOO, with 2 'e' and 2 'o', the bricks are large plates becoming walls, floors, ceilings. The click elements are placed on the edges of the bricks (latches) and in the edges of the bricks (locks), are optimized in terms of force absorption, are not elastic and have crossbars. They are the bricks for the House of the Future.

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what I coming next ?

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languages German, English, Netherlands [DE](#). [NL](#) . [GB](#)



4 units plus a bundle of plates for unit nr. 5
How to connect them to a strong block, which is remountable ?

Version 2 is coming



Version 1 of Leegoo, development steps

- 1. Focus on special simplified latches, special locks**
2. optimizing these latches, locks, crossbars in respect to strength against breaking forces
3. additional reinforcement of the latch-system by 90°-protection small by long latch-sides



Technology for circular economy in the big building construction market