

BOUWEN 1

1

WAT GA JE DOEN?

Je gaat allebei een toren bouwen van baksteentjes. Je moet verspringend bouwen.

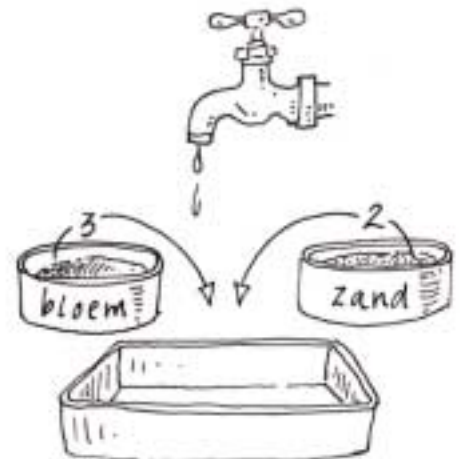
Je moet zelf je metselspecie maken.

De toren mag je bovenaan versieren.

Na een week wordt de toren weer afgebroken.

STAP 1 - WAT ZIE JE AL?

Bekijk het materiaal en de doebladen. Krijg je er al zin in?



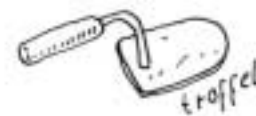
STAP 2

Controleer samen de inhoud van de kist. Alles moet er zijn.

STAP 3 - AAN HET WERK!

Metselspecie maken

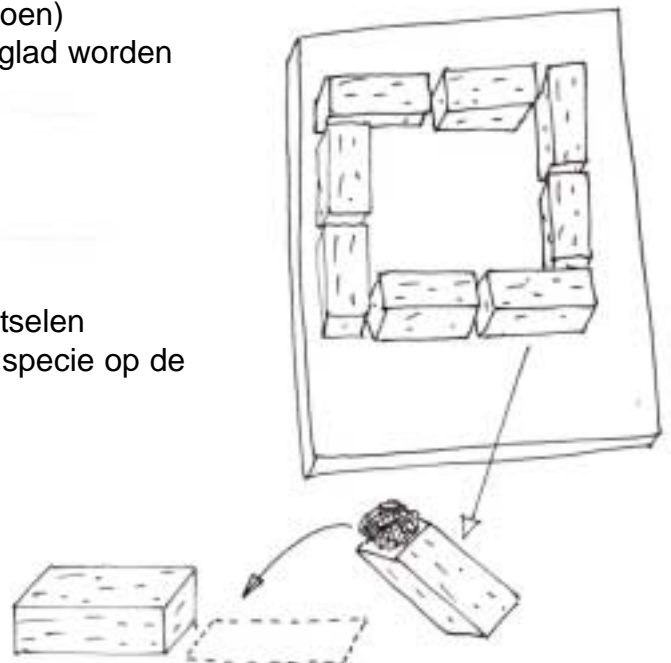
- Pak het maatschepje
- Schep 3 schepjes bloem in de metselkuip
- Schep 2 schepjes zand in de metselkuip
- Doe er weinig water bij (te veel is fout, je kunt er beter te weinig in doen, dan kun je er altijd iets bij doen)
- Roer heel goed. De specie moet zo dik en glad worden als pindakaas.

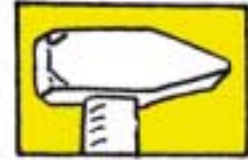


STAP 4

Metselen

- Pak een grondplaat
- Leg de eerste laag stenen uit zonder te metselen
- Pak een steen en smeer met de troffel wat specie op de kopse kant
- Leg de steen terug en druk hem aan
- Nu de volgende stenen.





BOUWEN 1

2

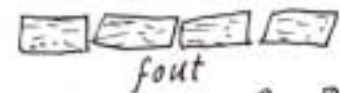
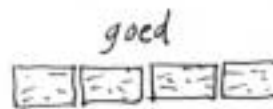
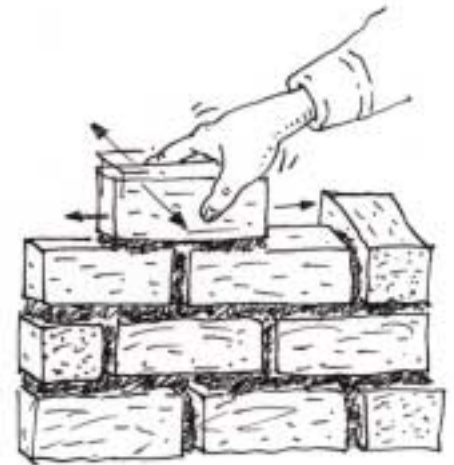
STAP 5

De tweede laag

Let op dat je de stenen verspringend op elkaar metselt.

Leg de tweede laag uit

- Pak een steen en doe specie op de kopse kant en op een groot vlak
- Leg de steen vast. Beweeg hem iets heen en weer tot hij goed ligt
- Metsel een toren van 9 lagen hoog
- Kijk steeds of je goed recht gaat
- Kijk steeds of de stenen recht liggen.



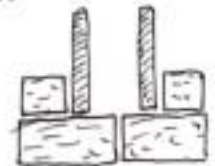
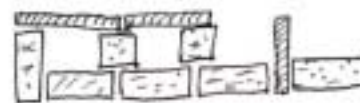
STAP 6

Je mag de bovenkant versieren.

Gebruik halve stenen en dakpannen.

Je kunt ook de stenen rechtop metselen of een raam erin maken. Maak er maar iets moois van.

Laat je bouwwerk drogen.



STAP 7

Opruimen

- Maak de troffel en de speciekuip goed schoon met water
- Doe de overgebleven specie in de prullenbak en spoel het niet door de gootsteen anders raakt deze verstopt
- Controleer samen de inhoud van de kist.

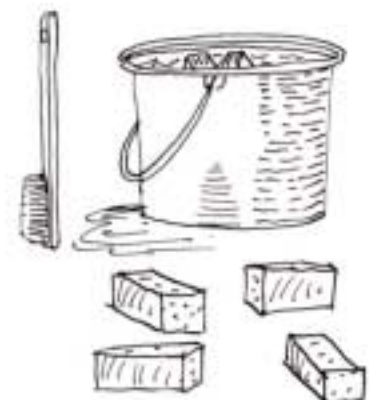


STAP 8

Na een paar dagen moet je het bouwwerk weer **afbreken**

- Leg je toren in een emmer water
- Laat dit 45 minuten weken
- Haal de stenen los en steek ze schoon met het plamuurmes
- Borstel de stenen schoon met de tandenborstel
- Leg de stenen te drogen op een krant.

Let op!! Giet het water weg en doe de **specie** die op de bodem ligt **in de prullenbak**.



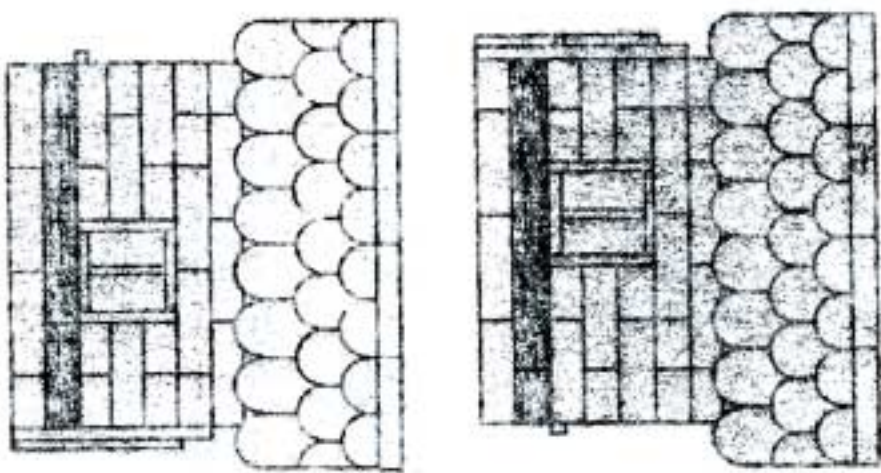
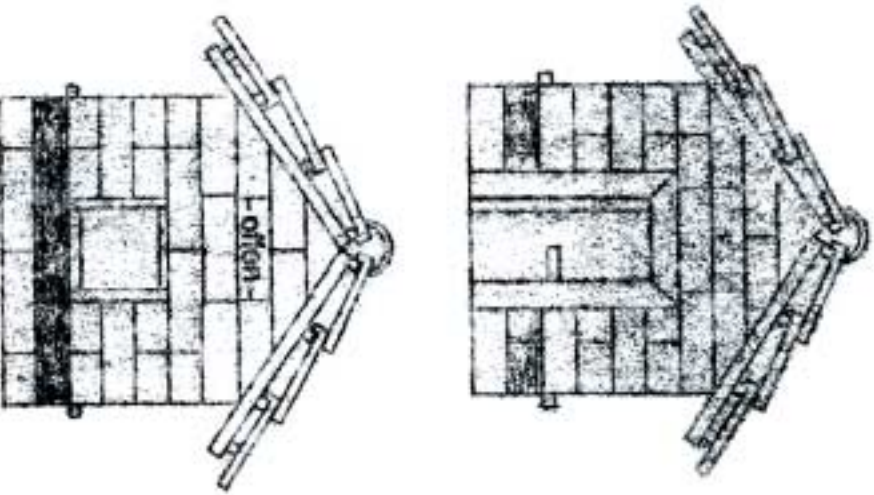
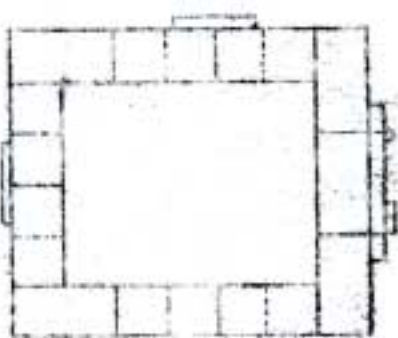


BOUWEN 1

MATERIAALLIJST

- 400 stenen (niet allemaal natellen)
- 40 halve stenen
- 40 dakpannen
- 2 troffels
- 2 metselkuipen
- zand
- bloem
- 4 grondplaten
- maatschepje
- 1 plamuurmes
- 1 tandenborstel
- 1 emmer
- set doebladen
- materiaalblad

**Gartenhaus
Summerhouse
Pavillon**



GERBITZ-STEINBAUKÄSTEN

BUILDING BRICK BOXES / BOÎTES DE CONSTRUCTION DE BRIQUES

INSTRUCTIONS

Additional things you need. 1 teaspoon for measuring the mortar, 1 cup for mixing up the mortar, 1 small knife, abrasive paper, 1 water basin and a piece of cloth or a sponge to clean mortar spotted bricks.

How to begin. First mix the mortar according to the instructions and leave to swell for a few minutes. For our models we mixed 8 teaspoons of mortar each - that's enough for about 200 bricks. First lay out the bricks according to the model or to your own ideas without using any mortar to get an idea of the whole building. The bricks are laid in staggered position to make the wall more stable. In the box you find the whole and the half bricks respectively. As base-board a strong card-board is suitable.

Bricklaying. Now lay out the first row, take the first brick and spread the mortar equally on it using the added wooden spatula. Put the brick to its place on the base board and press it down. The mortar squeezed out of the joints can easily be scratched off using a little knife. Now take the second brick and spread the mortar also on the side touching the first brick, lay it down near the first brick, and press down. That's the way how to build a whole wall. After cementing a whole layer, check a second one before cementing and then proceed as above. While constructing, mind that always the nicest side of the brick should be seen and the bricks are laid in exact position. Slight unevennesses of the bricks cannot be avoided, but they can easily be smoothed with abrasive paper. Additional information for KIT B: On a piece of paper we've cemented all arched bricks in horizontal position. After drying for a while, the wall can be put in upright position and the rest of the bricks is assembled according to the model drawing.

The roof. If your building should have a roof, the tiles must first be fixed to the smooth sides of the added roof boards using the mortar. Before fixing the roof to the building, the mortar should have dried a little bit. Then you spread a bit more mortar onto those bricks of the building which the roof boards are going to lie on, then press the board with the tiles on it and leave your hand pressed down on it until you feel that the board keeps tight. Finally fix the ridge tiles and for that also use a bit more of the mortar to make them keep well.

Embellishing the walls. For embellishing the building, the little holes between the bricks are also filled with mortar and then every brick is cleaned with a damp piece of cloth or a sponge.

Drying. Now leave the building to dry. After having dried well, which takes about 24 hours, corresponding to the size of the building, it can be detached from the base-board. For that, the point of the knife must be introduced at several places between the base-board and the lowest brick-layer, and the building can be detached. Spots of mortar which are still on the bricks can now easily be removed with a damp cloth.

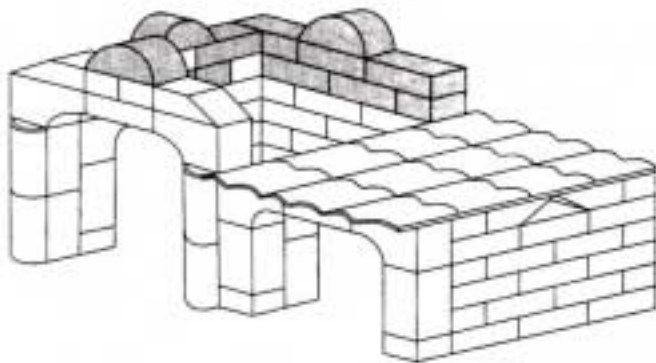
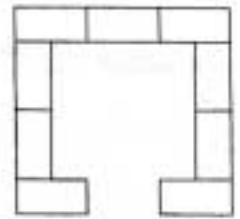
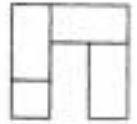
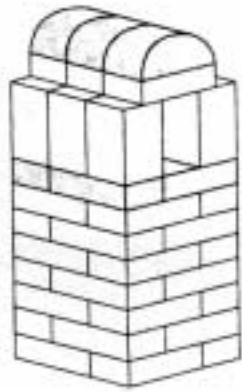
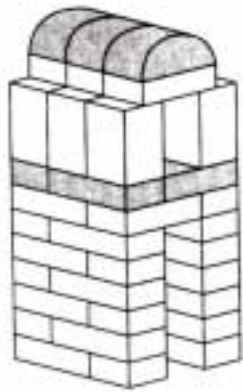
How to disassemble the building. If you want to build something else, put the building into a basin filled with water for several minutes. Then the bricks can be dislocated, cleaned in water and left to dry. Afterwards something new can be built. **Mind: The bricks must always be dry before cementing.**

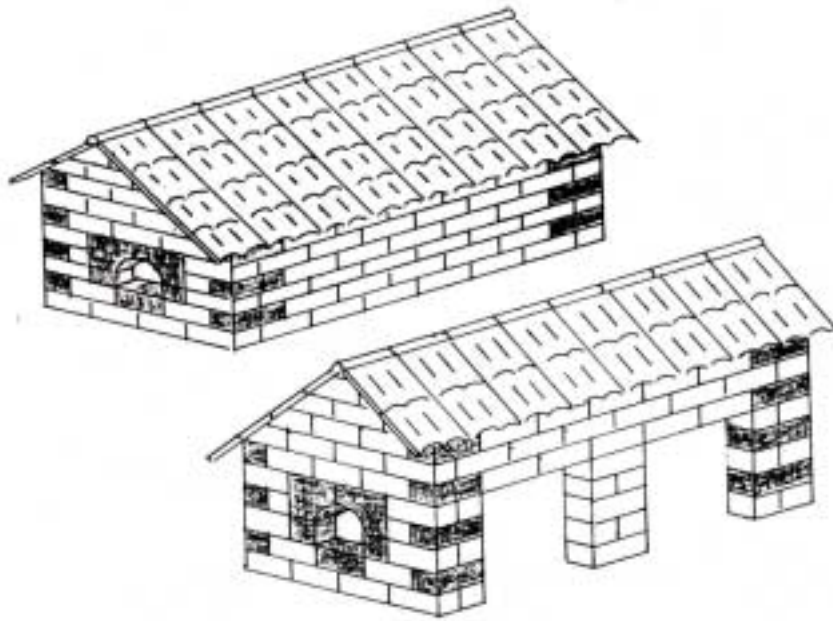
Larger buildings. For the construction of larger buildings using your own ideas, there are the Gerbitz-supplementary boxes. For base and roof boards you should use fibre-boards cut in proper size. Hard card-boards are suitable as well.

MORTAR(watersoluble). Take 1 teaspoon of mortar powder and about 5 teaspoons of water and mix it up in a cup, until it's a thick pulp. Let the mortar swell up for a few minutes and stir again well. Spread it equally on the brick sides you intend to form a wall with, press the brick down immediately using the added wooden spatula. That's the way how to form a wall with all the bricks, one after the other. If a brick is not in its proper position, just detach it with the point of a knife, dampen well the mortar and fix the brick again. After finishing, clean the brickstones from spots of mortar and leave it to dry. It's possible to disassemble the walls. Detach them at several points from the base-board using the point of a knife and putting it into a basin with water. After a few minutes the bricks can be dislocated. They are cleaned with water and then dried. After that you can build up something else - as often as you like. The mortar corresponds to the safety regulations and is suitable for children. Washable. Ingredients: Cellulose, Kaoline, wood flour, potato starch, no preservatives. Please store in a dry place.

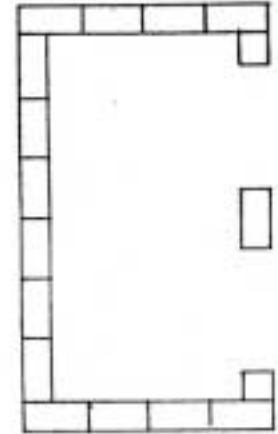
Not suitable for children under 6 years.

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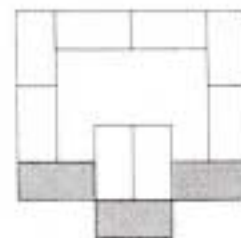
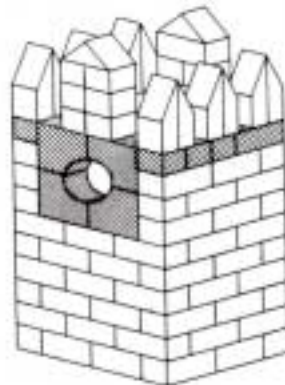
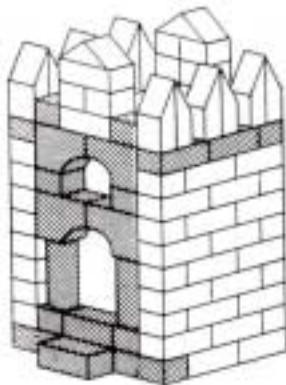
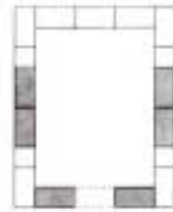
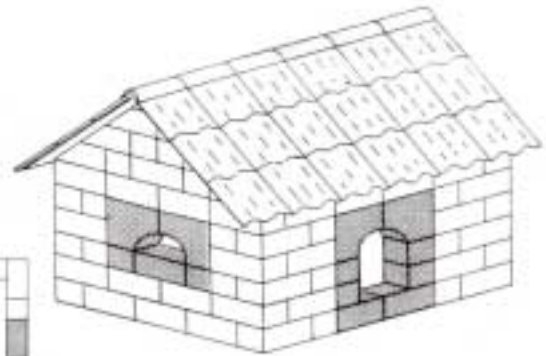
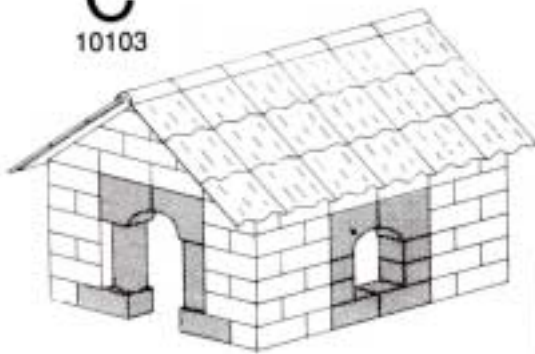


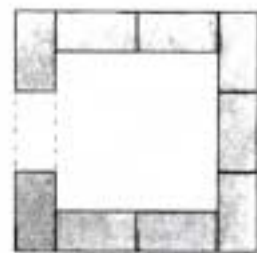
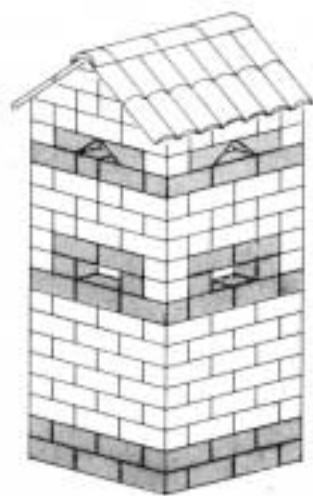
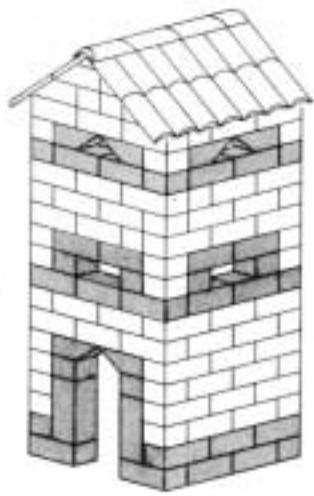


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