



Molok Domino

On-site Framing Assembly Instructions

NEEDED TOOLS

- Ø10 mm hammer drill for making installing holes for plates that attach wells together
- Ø5 mm hammer drill for making needed holes for installing framing elements with blind rivets
- Ø3 mm drill for making holes for the rivets that fix extension pieces to framings
- Blind rivet gun
- Vices for framing installation (optional)
- Normal hand tools for screws (torx head screws, 13 wrench, hammer etc.)

NEEDED COMPONENTS

Pre-assembled framing elements

Cover pieces for each corner

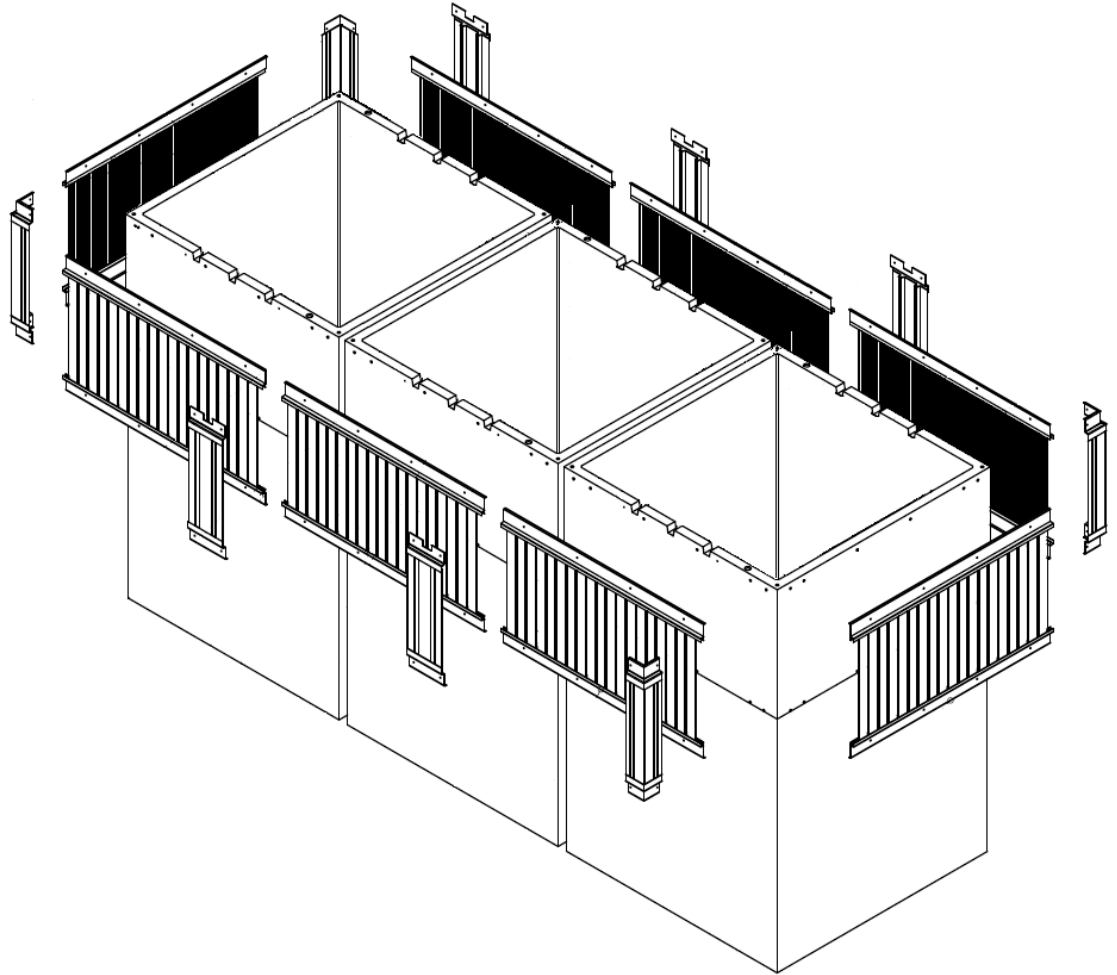
Extension pieces to cover the gaps between wells

Rivets and screws to fix components to wells

Partition walls for dividing wells if needed

Water channels and accessories to fix the partition walls

Complete Bill Of Materials and needed drawings will be provided for each assembly



PREPARATIONS

Concrete wells should be installed according Molok's instructions

Framing panels should be assembled and waste signs should be fixed to them

Bags, hard containers and covers should be assembled before taking them to assembling site

Needed quantities of screws, rivets etc. should be prepared (BOM)

Molok sales should prepare a site configuration to demonstrate well and fraction orientation.



STAGE 1

Collect pre-assembled framing elements to their places to be sure of their orientation in the waste container group.

If there is water, ice, gravel or some other excess material in the wells it should be removed in this stage.



Fix upper edges of the framing elements to the concrete containers in the first stage.

This is where you can also make some adjustments to hide small defects in wells installation. Aim is to install the framings as straight as possible.

Needed tools:

- Ø5 mm hammer drill,
- blind rivets
- blind rivet gun
- Vices can be applied to make it easier to align the framing elements straight



STAGE 2

CURRENT VERSION

OLD VERSION



Framing elements are fixed with 2 rivets 20 mm long (N4,8x20ALL7024) (4 rivets for old version) from their upper edge to the concrete well body.

STAGE 2



CURRENT VERSION



OLDER VERSION



After you have fixed the framing elements from their upper edges you may fix the lower edges with same method as the upper ones.

STAGE 3



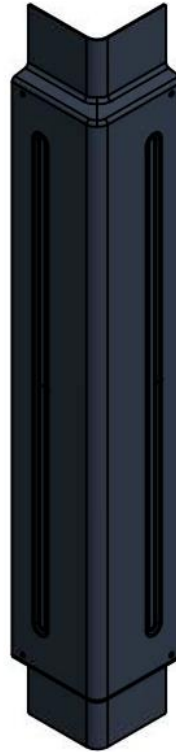
STAGE 4 CURRENT VERSION

After installing the framing element you should fix the corner pieces

MolokDomino 2G to the concrete body wells.

Holes (4 per corner piece) are drilled so that they go through the corner piece and the framing element.

Corner pieces are fixed with 4 rivets 12 mm long (N4,8x12ALL7024) per corner piece.



STAGE 4 CURRENT VERSION



After installing corner pieces, you can gently try to adjust framing boards straight at corners, if there is not a sign attached near by.

STAGE 5 CURRENT VERSION



STAGE 4 OLD VERSION

After installing the framing element you should fix the lower corner pieces to the concrete body wells.

Holes are drilled so that they go through the corner piece and the framing element to the container body.

Same tools and accessories are applied as in the previous stage.



STAGE 4
OLD VERSION



STAGE 4
OLD VERSION



STAGE 4 OLD VERSION

After installing all the corner pieces you can put the longer corner pieces to their places.



STAGE 5 OLD VERSION

Next phase is to install upper corner pieces. Same tools and accessories are used as with the lower corner pieces.



STAGE 5
OLD VERSION

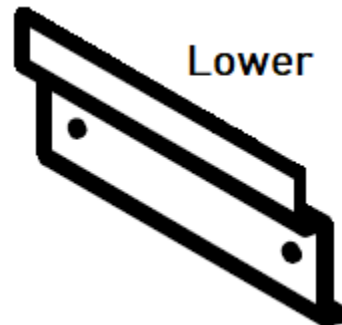


After all corners are done you can start with assembling the extension pieces between wells.

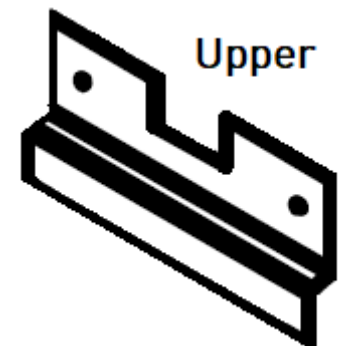
Holes for the blind rivets are drilled again through the extension piece and framing element to the concrete body well.

Same tools and rivets are used as in the previous stages.

Note that the upper and lower extension pieces are not similar. The upper one is cutted to make it possible to install water channel properly.



Lower



Upper

STAGE 6

After you have fixed all the lower extension pieces you can put the long extension pieces in their places.



Next thing to do is to install the upper extension pieces the same way as the lower ones.



STAGE 6



STAGE 6



STAGE 7

The final step is to fix the longer extension pieces to the framing and shorter extension piece.

Use $\varnothing 3$ mm drill to make holes for smaller blind rivets.

Make sure that the extension plate is as straight as possible before drilling the holes.



STAGE 7



Lower plywood partition wall to body well carefully. Use crane if possible to minimize the risk of any injuries.

Note that there are "bumps" in the partition walls, and they should be inserted to small pits in the concrete in the bottom of the well.

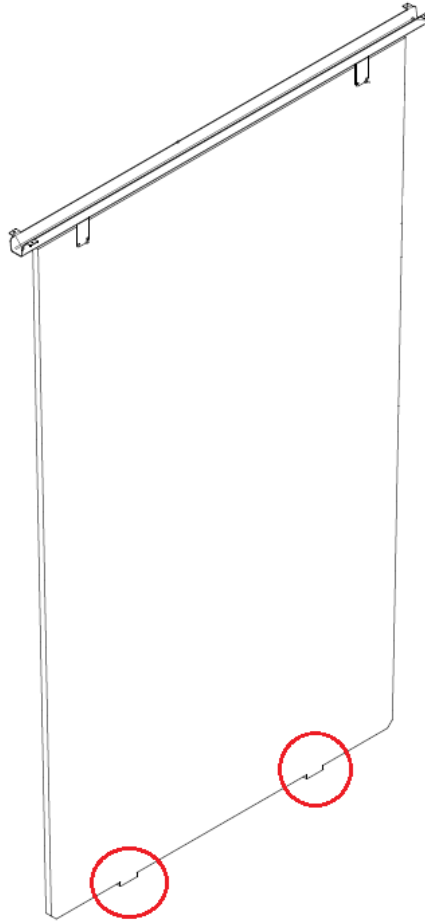


STAGE 8

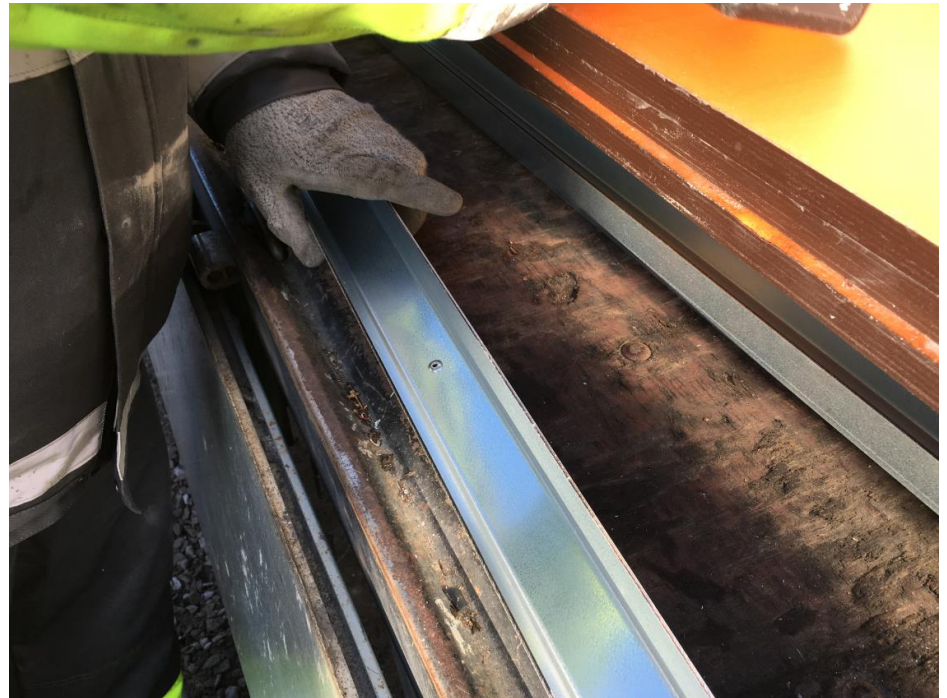
Plywood partition wall should be put on its place correctly.

If there is gravel, snow, ice or other excess material in the well, this can't be done properly.

All excess material should be removed from wells before starting the assembly.



There is a hole in the middle of the water channel and it should be plugged with a rivet if it is not needed.



Part that fixes water channel to partition wall is fixed to the water channel with a blind rivet.



STAGE 9



STAGE 9



STAGE 10

Plywood partition wall is fixed to it's place with the assembled water channel.



STAGE 10

Water channel is fixed to concrete well with blind rivet.

Needed tools:

Ø5mm drill and blind rivets.



STAGE 10

Water channel is fixed to plywood partition wall with screws.

There are places for 8 screws but 4 pcs is sufficient to keep the wall in place.

Needed tools:

Screw gun and screws



STAGE 11

Gaps between the wells should be filled with Leca gravel (or similar product) after the framings, bags and hard containers have been installed.

This is done in order to prevent waste and other excess material from filling the gaps.

