

MolokDomino® Plus installation instruction

ORIGINAL
MOLOK®

1. Dig a 500 mm installation pit for MolokDomino® Plus. Width of the pit should be 2400 mm. Carefully level the bottom with 0/16mm crushed gravel, check the straightness with spirit lever/ line laser and compact the ground carefully.

2. Fix the plastic bottom anchors into the container with two bolts each (bolts are tightened max. 25 Nm).

3. Lift the container to the installation pit by using lifting loops. Note to remove the lifting loops after the installation.

When installing the containers into a group, leave 40 mm distance between the tops of the wells and attach the adjacent containers with an upper rail (u-profile). The rail is drilled through the support frame and fastened from 8 points with pop rivets, see image 1.

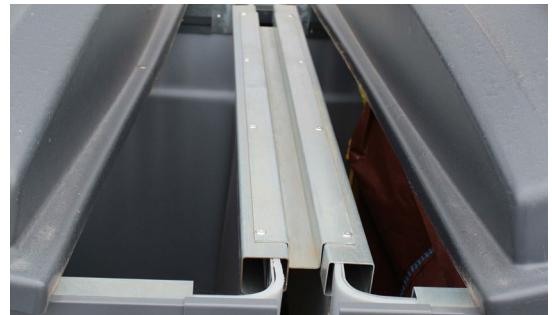


Image 1. Fastening the upper rail

4. Fill the pit as described in the image 2 - note to change the soil types accordingly. Fill evenly on both sides of the containers to keep the container straight. With a light plate compactor, compact the filling soil carefully with every 200 mm layer. We recommend to use max. 100 kg round compactor. Expanded clay (e.g. Leca®) is used between the containers near ground level.

Make sure that the finishing layer slopes slightly downward from the container.

5. In group installations, finish the framings by fastening extension pieces for framing (A+B) with pop rivets, see image 3. First fasten the lower horizontal support profile (B) in line with the framing element. Place the vertical extension piece (A) on correct place between the two framing elements and fasten the upper horizontal support profile (B). Finish the framing by fastening the vertical extension piece (A) to the horizontal support profiles (B). Make sure the vertical extension piece is installed straight.

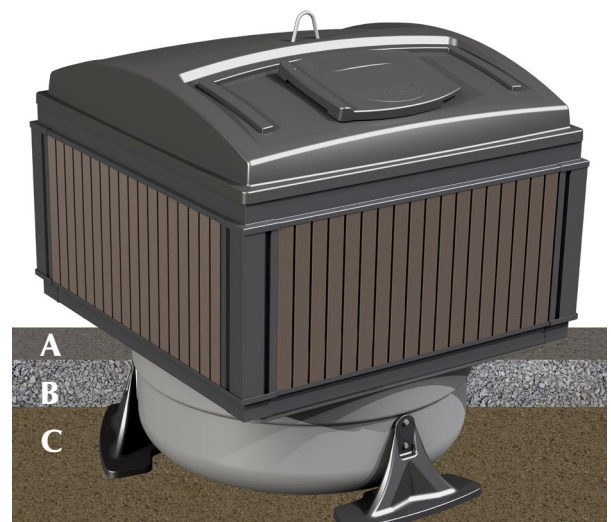


Image 2. Filling the pit

A - Finishing layer, 100 mm

B - Gravel 0/32, 400 mm

C - Crushed gravel 0/16, min. 50 mm

6. Lift and open the lifting bag carefully and check that the bottom of the lifting bag is closed tightly and the rope is placed according to the instructions. It is possible for the lifting bag's closing mechanism to open during delivery.

7. Place the lids, lifting bags and quick systems on their place. If the lid is not fastened to the quick system; fasten the lid with M8 x 35 torx screws. There are 3 screws per lid. Cover plate is used on the hole of the lifting handle: fasten the cover plate with screws.

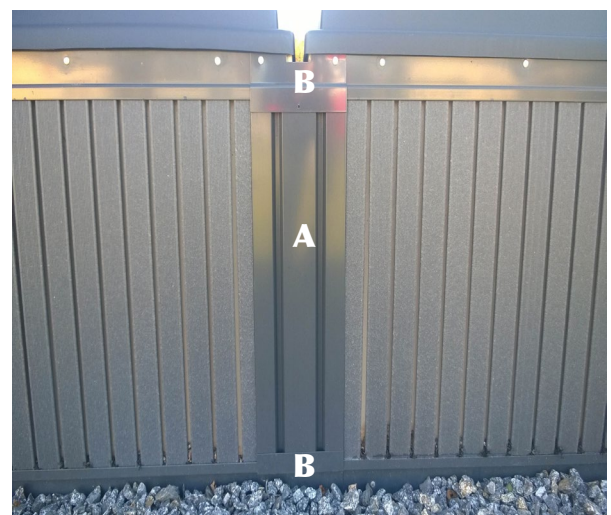


Image 3. Finishing the framing

DEEP COLLECTION®

1. ANCHORING THE CONTAINER TO DRY OR SLIGHTLY MOIST SOIL

Make sure that the soil type has proper water drainage; such soil types are for example silt, grit and moraine. Install the containers according to the given instructions. If the soil type seems to have poor drainage, or if the installation pit collects surface water, consider installing the containers according to point 3 below.

2. INSTALLING THE CONTAINER TO WET SOIL OR SOIL WITH CLAY

Use filter cloth between the ballast and gravel and if necessary also under the crushed gravel on the bottom of the pit. Make sure there is enough fabric also for the sides of the pit.

Fasten the bottom anchors according to instructions on first page.

Install a plywood plate (# 15 mm, 820x300 mm) as an extra anchor between every bottom anchor. Install the plywood on top of the bottom anchors in a way that the center of the plate touches the container on the inside and is in level with the bottom anchors on the outside. Fasten the plywood plate by screwing it from both ends to the bottom anchors, for example with 4x40 mm screws. If necessary, use a drain pipe on the bottom of the installation pit under the Crushed gravel.

Finish the installation according the instructions above.

3. INSTALLING TO A VERY WET SOIL

Start the installation according to poits 1-3 on the first page

Begin filling with crushed gravel, for example 0/16 mm.

Cast 15 cm ready-mixed concrete (for example K30, #16 mm, S3) on the gravel, and around the container. Make sure that the container does not move during concreting. Finish the filling according to given instructions.

If necessary, use a drain pipe on the bottom of the installation pit under the Crushed gravel.