

Preparation to ensure your groundwork contractor creates a good sand bed

Step 1: excavate

To ensure that good foundations are laid, the ground on which the bunker silo will be built should be excavated. The depth depends on the type and quality of the subsoil. It is best to coordinate this with your groundwork contractor in advance. The slope of the silo should already be taken into account at this stage.



Step 2: lay hardcore

If you are using hardcore to improve the ground, once the soil layer has been removed you can lay the hardcore and compact it using a roller and vibrating compactor. You should build up the hardcore layer by layer (max. 20 cm thickness per layer).



Step 3: lay sand layer

A thin layer of sand (at least 5 cm) should now be laid on top of the hardcore. This sand layer should be levelled using a laser-guided grading box. If you can work directly on the subsoil, an additional layer of grit sand can be laid first.



Step 4: tie a line

Once the fine profiling has been completed, you or your groundwork contractor should tie a line corresponding to the sketch. Our driver will then be able to see the lines along which the slabs and/or walls can be placed. **It is important that the string is tied no more than 10 cm above the ground and 2cm from the foot of the wall.** To ensure the line is straight, it is best to tie it between no more than 2 posts, one at each end.



Step 5: install bunker silo

After the sand bed has been completed, the concrete slabs are laid first, if these are being used. The retaining walls are then positioned against them. The site should be accessible for a 3-axle (non-articulated) trailer. Please note: during installation you must ensure that 1 or 2 people are present to provide expert on-site assistance to the driver.



After installation a competent person should inspect the silo and sign the delivery note presented by the driver to confirm that everything has been correctly received. Any defects must be reported within 24 hours of delivery.

This step-by-step plan has been drawn up to ensure your retaining walls are delivered and installed smoothly. This work must be carried out before the walls of the bunker silo are delivered.
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