Installation instruction

Cantilever sliding gate

Safeglide 2
Gate installation

The Heras cantilever Safeglide 2 gate will arrive fully assembled and ready to bolt down on to the previously prepared foundations. The gate will be transported using a flatbed vehicle incorporating a hydraulic lifting crane. The manufacturer will ensure that only Hi-ab certified drivers will be used. The lifting equipment will be inspected at least once per year and any ancillary lifting attachments such as strops or chains at least twice per year to comply with LOLER regulations.

A method statement and copies of any certificates are available upon request.

!!BEFORE ANY LIFTING WILL BE DONE, MAKE SURE ALL EQUIPMENT IS CERTIFIED AND CHECKED, WHERE YOUR PPE AND SECURE THE SURROUNDINGS!!

The foundations are prepared according to the specifications on the foundation drawings. Before unloading, the center line of the gate must be marked on the foundation. Later, while putting down the gate, the center marks on the column’s baseplate can be used to line up the gate.

NOTE: the dimensions below are an example. Check your foundation drawings.
Center mark on the base plate.

Once these preparations are made, the lifting of the gate can be started.

!!CARRY OUT A L.M.R.A. BEFORE LIFTING!!

The lorry will use the hydraulic crane to lower the sliding gate assembly into position ensuring that cables, such as the power supply, are fed into the bottom of the drive unit.
!!DO NOT RELEASE THE STRAPS FROM THE CRANE UNTILL THE GATE IS BOLTED DOWN!!

Before bolting down the gate, check size “X” on the size chart on your foundation drawing. Both column and rear roller assembly must be bolted down if they are aligned.

- The column is bolted down with 8 M16x250 anchors
- The rear roller assembly is bolted down with 4 M16x200 anchors
- The depth of the holes is defined above. Make sure all holes are free from debris before putting in the anchors
- Both column and rear roller assembly must be bolted directly to flat level concrete!!

!!NOW THE CRANE MAY BE RELEASED!!
Ensure that the gate is level using a spirit level in conjunction with the screw mountings on the roller sets.

Now the receiving portal and rear catcher plate must be bolted down.

- The receiving portal is bolted down with 4 M16x200 anchors
- The rear catcher plate is bolted down with 4 M16x200 anchors
- The depth of the holes is defined above. Make sure all holes are free from debris before putting in the anchors

Position the top and front catcher plate using the M8 x 80mm cup square bolt sets.
Now position the rear catcher plate and bolt down the 2 stump posts with the remaining 4 M16 x 200 anchors.

Now that all parts are bolted down and the gate is running smoothly, the black plastic nut caps can be fitted to finish the installation.

A skilled electrician can now proceed with connecting, testing and commissioning the installation. For details, consult the installers manual and user manual.