

# Operating instructions for the E+S site road system



The roadway panels can be delivered to the site location in „packages“ or „one after the other“. For package unloading and for easier handling, E+S generally supplies four S-hooks without charge. With this approved hooks the maximum of six panels may be lifted at one time.

Unloading and laying has to be done with suitable lifting devices. Wheeled or tracked excavators in sufficient dimensions have to be supplied by the contractor. The panels must always be transported horizontally with attached to the 4 lifting points (round bolts on top).



## 1. Work preparation:

- fix the direction with the help of dipsticks or guide lines
- eventually lay geo-textiles first
- attach the 4 hooked-lifting chain (min. 13 mm, supplied by contractor) to the lifting points (top of panel)
- lay 2 panels, connect and align them
- to prevent damages, Access-Ramps must be connected to the site road panels with the same locking devices

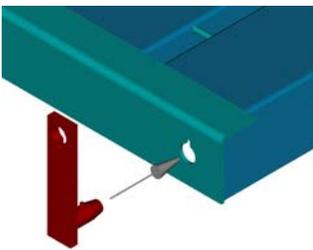


Bild 1

Push Locking Strap vertically into the connection hole of the panel.

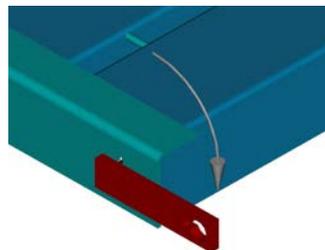


Bild 2

Twist Locking Strap through 90°.

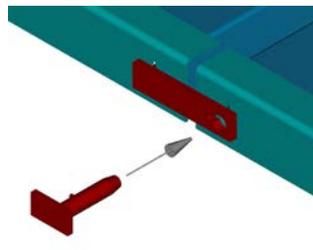


Bild 3

Align the new panel while lifted and push the locking bolt prior through the strap

and then into the connection hole of the panel.

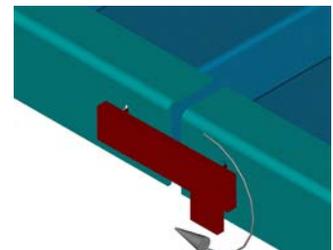


Bild 4

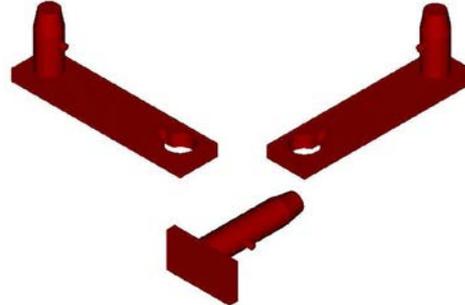
For securing twist bolt through 180°.

The longer end of the locking bolt has to point straight to the ground to make sure that the connection is fixed.

**2. Panel connection in curves**



With two locking straps and one locking bolt the creation of a curved radius of about 40 m is possible.



**3. Re-mounting and Cleaning**



For re-mounting and separation of the panels, lifting may only occur at the designed lifting points (round bolts on top) with 2 hooks at the one side (min. 13 mm chain, 16 mm possible, chains supplied by contractor).

**Excavating the panel at it's front edge will cause damages and is strictly forbidden.**

To clean the down side of the panel from soil, the panel can be bumped on the ground repeatedly (hanging in a 4 hook chain). We recommend the use of geo-textile to keep the volume of mud relatively low. Also the mud in the edges of the panel surface must be cleaned by the contractor in a similar way with a 2 hook chain.

Dirty panels have a higher weight and may cause extra costs when transported back to the stock yard. This also has to be considered when loading the truck.

All regulations and laws have to be followed which deal with behaviour under hanging loads.

