

## **Installation Instructions ABRS Descending Channel Sluice Gate**

1. Check the valve body for transport damage.
2. Do not perform installation unless all walls are even.
3. Stick sealing tape to the rear of the frame and cover the protruding ends.
4. Place the sluice gate in front of the outlet opening of the construction. Make sure the sluice gate is vertical.
5. Align the sluice gate perpendicular and drill dowel bores through the securing bores present in the guide frame or the mounting straps. Remove any bore dust from the bore and insert dowels in accordance with the dowel manufacturer's specifications.

**WARNING:** Use only dowels approved by site supervision!!! Assemble frame without stresses. Support frame if necessary.

6. Clean the spindle and coat it with water-resistant grease.  
(please look to maintenance instructions).
7. Test the operability of the slide gate by opening and closing it.  
**WARNING:** Irrigate the seal beforehand.
8. An electric actuator may only be installed and commissioned by an expert company.
9. The actuator must be set up path-dependent and in accordance with the manufacturer's specifications.
10. When the frame or the slide gate plate is painted on site, make sure that the seal does not come into contact with the paint.
11. Avoid any negative effects caused by iron at all costs (e.g. flying iron particles close to the valve body caused by grinding or separating).
12. We cannot assume any liability in case of damage or malfunction caused by any failure to observe these instructions.