

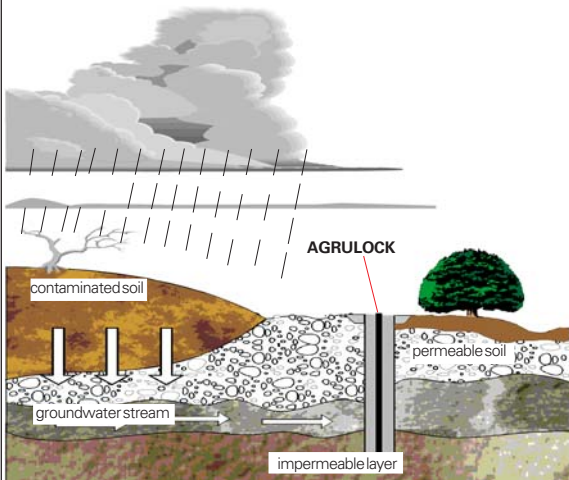
# NEW INNOVATION- Cut Off Wall

## AGRULOCK - VERTICAL SEALING

### AGRULOCK Vertical Sealing System

Sealing of cut off walls by bentonite only gives certain permeation reduction but no permeation stop. Using AGRU LOCK system a laminar permeation stop is achieved and percolation only is possible at panel joints for which the AGRU LOCK design has elongated percolation path. AGRU LOCK Systems are installed where contaminated groundwater streams needs to be stopped or treated by "gate & fence" systems but also for construction sites where the groundwater table has to be kept constant at low level.

### Function



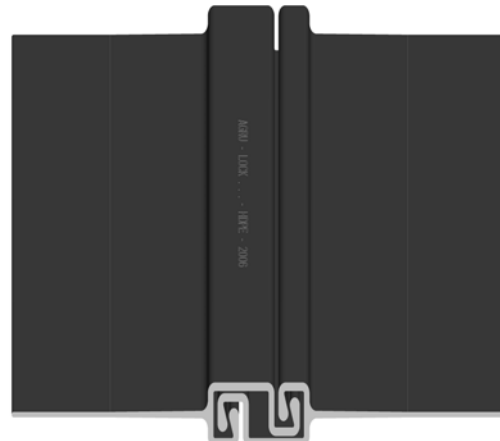
### Type C- Evolution

in close corporation with installers of AGRULOCK System based on the patented LOCK Type A, an evolution was made to implement two important design criterions:

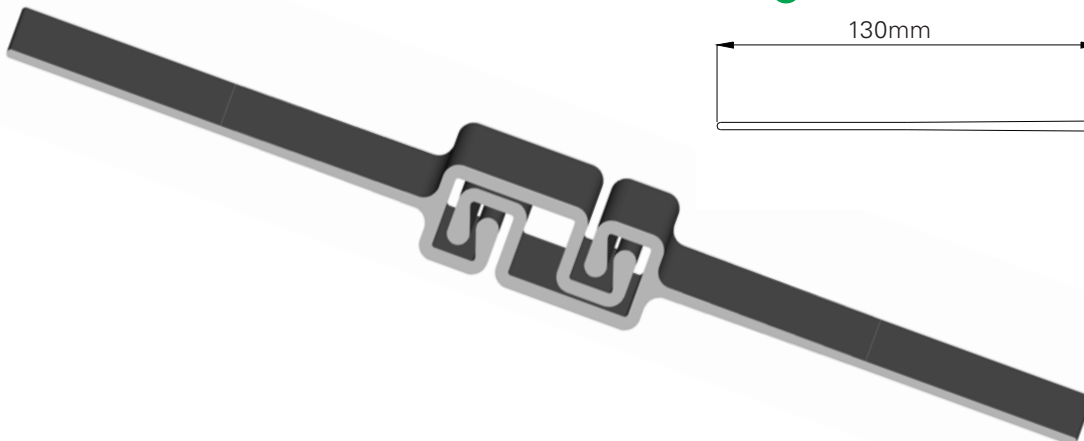
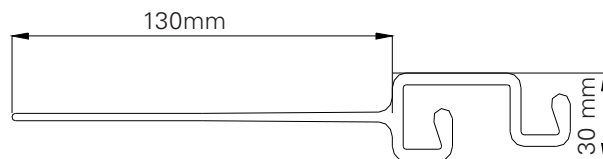
**The new AGRULOCK C-Evolution gives the advantage to supply it in rolls up to 45m, that means taylormade to the customer requirements. The 130mm welding section of the profile ensures weldability with any common hot wedge welding machine.**

### Special Features of the new Type

- ❑ horizontal separation load: > 15 kN/m run of interlock
- ❑ outstanding high horizontal elongation properties of the interlock
- ❑ taylormade profile length
- ❑ designed for tough working conditions
- ❑ easy and simple assembling at construction site
- ❑ possibility of filling the box section with a special sealing compound
- ❑ identical male and female profile
- ❑ made of HDPE
- ❑ Installation is possible with frame or coiling drum



easy and fast welding of the new Locktype



# NEW INNOVATION- Cut Off Wall AGRULOCK - VERTICAL SEALING

## Installation Procedure



A special equipped Excavator dig the cut off wall. A steel frame along the trench assist as alignment device.



To stabilize the cut off wall during the excavation process the bentonite slurry is permanently pumped into the trench.



The fabricated panels are transported to the actual installation section by a coil trailer and fixed to the insertion frame.



Installation frame for the insertion of the panel into the cut off wall



Then the panel is lowered down the trench by interlocking to the previous set panel. Those gives you after completion the barrier.

