POWERSHIELD

POWERSHIELD™

Installation guideline manual installation

STEP 1: Preparations ditch:

- Excavate the ditch to a uniform depth of 1 meter and width slightly wider than the roll (e.g., 1.2–1.5m).
- Clear all obstacles and stabilize ditch walls if necessary.
- Confirm the bottom of the ditch is level.
- Make sure the bottom is well compacted



Preparations ditch

STEP 2: Transportation of the PowerShield™

- Insert the metal spindle/bar through the center of the roll's core.
- Slowly lift the rolll and move backward the spindle/bar for securing the roll on the bar



Transportation PowerShield™

POWERSHIELD

3: MANUAL INSTALLATION:

STEP 3A: Lift and lower PowerShield™ into the ditch

- Slowly lift the roll vertically with the machine until it clears the ground.
- Move the machine boom to align the roll centered over the ditch.
- Lower the roll carefully into the ditch
- Make sure PowerShield™ roll orientation is correct (material ready to unroll in the desired direction).



Lift & lower PowerShield™ in ditch



Exact positioning PowerShield™

STEP 3B: Start unrolling a few meters and load beginning roll

- Slowly unroll the PowerShield™a few meters
- Load sand on beginning of roll, against memory effect (if any)



Roll out PowerShield™



Load sand on beginning roll

POWERSHIELD

STEP 3C: Installation PowerShield™

- Continue unrolling the PowerShield™ roll
- If needed, anchor or pin the material in place depending on project requirements.
- Clear all equipment and secure the area.



PowerShield™

3: MACHINE INSTALLATION:

STEP 4A: Place PowerShield™ roll in carry-construction and drive alongside gulley.

- Place PowerShield™ roll in roll-off structure, make sure roll will unwind with red side up.
- After installation cover PowerShield™ and connect to next roll



Position roll



Unroll PowerShield™



PowerShield™

STEP 6: Connecting PowerShield™ rolls

- Cut PowerShield™ roll to size with carpet knife
- Create overlap, securing complete cover of cables
- Drill holes in PowerShield™
- Connect plates with pins supplied.



