



## ***Finally solve the problem with permeable paving systems...how to secure the edge!***

### **PermEdge by SEK-Surebond**

#### Installation Instructions

1. Excavate area the depth required to meet design criteria.
  - a. Include an area that is approximately 6" past (outside) the edge of the paving stones.
2. Install soil separation fabric.
  - a. Allow for 12" overlaps between sheets.
  - b. Fabric must extend up along the sides of the excavation with a minimum of 12" of additional fabric extending past the top of the excavation.
3. Install base stone.
  - a. 1<sup>st</sup> layer - Minimum of 6" thick, ASTM NO. 2 open graded stone.
  - b. 2<sup>nd</sup> layer - 4" thick ASTM NO. 57 open graded stone.
    - i. Note: any required elevation changes desired in the pavement surface must be built into the base. Do not make grade change adjustments in excess of 1/2" with the setting stone.
4. Install setting bed.
  - a. 1.5" to 2" thick of ASTM NO. 8 aggregate.
5. Start on one side of pavement area.
  - a. Take the 12" of extra soil separation fabric extending up along side the excavation and lay if flat over the setting stone.
    - i. Locate PermEdge per design. Be certain that it sits on top of the soil separation fabric flap that lay's on top of the setting stone.
    - ii. Use 3/8" spikes to temporarily hold edging in place.
    - iii. Unfold grid and extend it full length into the pavement area. Be careful to lay grid evenly over setting bed stone, insuring there are no folds/wrinkles in the grid.
      1. Some additional setting bed stone can be lightly sprinkled over the grid to help hold it down in certain conditions.

2. Installing the edging with a radius will require that back support of the PermEdge be cut as well as the grid slit in even increments (suggested 12") perpendicular to the edging. Smaller radius will require shorter increments (more slits).
6. Start along the PermEdge installing the paving stones in the desired pattern.
  - a. Lay the stone right on top of the grid being careful not to disturb the grid in any manner.
  - b. Extend the field of pavers out from the first edge to approximately 6' away from the other desired edge. Stop laying pavers at this point.
7. Lay the soil separation fabric flaps on the other side of the pavement out on top of the setting stone.
8. Using your already laid pavement, measure the module (number of stones required to cover a certain distance). Locate the other end of the pavement using the module measured to calculate precisely where the other side of the pavement will end.
9. Locate 2<sup>nd</sup> edge per the module, spiking down, temporarily, on top of the separation fabric flap.
10. Lay out the grid from the 2<sup>nd</sup> edge, extending it completely back into the paved area taking care to remove all wrinkles and loose spots.
11. Once 2<sup>nd</sup> PermEdge is located and secure, go back and continue to install paving stones towards second edge. If your module was calculated correctly, you should end up with only full stones (plus ½ stones, depending on pattern/shape) as you pave up to the second edge.
12. Continue to install pavers until all full units that can be installed are installed.
13. Any required cutting of pavers (1/2 stones and curved edging) will need to be cut with a table type block saw. Do not use a "cut off saw" and attempt to cut the pavers in place as you will cut the grid below. Should the grid be cut accidentally, it must be removed and a new piece of PermEdge installed in its place.
14. Once all cuts are complete, finish installation as normal.
  - a. Compact stone with appropriate plate compactor.
  - b. Fill pavement voids with appropriate open graded stone chips.
15. Remove all temporary spikes from PermEdge.
16. Backfill PermEdge with soil to the top of the pavement as soon as practical. Care must be taken to keep soil off pavers to avoid it infiltrating into the pavement system.