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

## PermEdge™ by SEK-Surebond

Installation Instructions

1. Excavate area to 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. Fabric must extend up along the sides of excavation with a minimum 12” additional fabric extending past the top of the excavation.

3. Install base stone.
   a. First layer should be minimum 6” – 8” of ASTM No. 2 open graded stone. The size and thickness of layer will depend on permeability of sub base and as designed by site engineer.
   b. Second layer should be a minimum 4” – 5” of ASTM No. 57 open graded stone.

   *Note: Any elevation changes desired in the pavement surface must be built into the base. Do not make grade change adjustments in excess of 1” using setting stone.*

4. Install setting bed.
   a. 2” to 3” of ASTM No. 8 aggregate.

5. Start on one side of pavement area.
   a. Take 12” of the extra soil separation fabric extending up along the side of the excavation and lay it flat over the setting stone.
   b. Locate PermEdge™ per design. Be certain that it sits on top of the soil separation fabric flap which is laid on top of the setting stone.
   c. Use 3/8” spikes to temporarily hold edging in place.
   d. 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.
      Some additional setting bed stone can be lightly sprinkled over the grid to help hold it down in certain conditions. Installing the edging in a radius will require that the back support of the PermEdge™ be cut as well as the grid slit in even increments (suggested 12”) perpendicular to the edging. Smaller radii will require shorter increments (more slits).

6. Start installing paving stones along the PermEdge™ in the desired pattern.
   a. Lay stone on top of the grid being careful not to disturb the grid in any manner.
   b. Lay the field of pavers out from the first edge to approximately 6' from other desired edge. Stop laying pavers at this point.

7. Lay the soil separation fabric flaps on the other side of the pavement on top of the setting bed stone.

8. Using your already laid pavement, measure the module (number of stones required to cover a certain distance). Locate other end of the pavement using this module measured to calculate precisely where the other side of the pavement will end.

9. Locate second piece of PermEdge™ per the module, spiking it down, temporarily, on top of the separation fabric flap.

10. Roll out grid from this piece, extending it back into the paved area, taking care to remove all wrinkles and loose spots.

11. Once the second PermEdge™ is located and secure, go back and continue to install paving stones towards this edge. If your module was calculated correctly, you should end up with only full stones (plus ½ stones, depending on the pattern or 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 (½ 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 accidently, it must be removed and a new piece of PermEdge™ installed in its place.

14. Once all cuts are complete, finish the installation.
    a. Compact stone with appropriate plate compactor.
    b. Fill pavement voids with appropriate open graded stone chips.

15. Remove all temporary spikes used to hold PermEdge™ in place.

16. Backfill the PermEdge™ with soil to top of pavement as soon as practical.

Care must be taken to keep soil off the paved surface to avoid it infiltrating into the pavement system.