

# VaporStake, LLC

## VaporStake™ Description

- Non-corrosive, leak-resistant, plastic stake
- 15", 18", 24", 30", 36" and 48" lengths
- $\pm 1/2$ ",  $3/4$ " and 1-1/8" diameters
- Made of solid PVC
- Acts as a permanent plug in the vapor retarder
- Helps meet ASTM E 1643-09
- When used with vapor retarder's sealing mastic
- Pre-pointed
- Pre-drilled holes for 16D duplex nails
- Can be easily drilled in field for additional holes
- Made in the USA
- A Patent Pending Product
- builditgreen.org approved



## VaporStake™ Installation

- Use the VaporStake™ as you would a typical stake
- Can be used with sprayed-on vapor retarders or polyolefin vapor retarders
- Seal the vapor retarder to the VaporStake™ as you would a pipe penetration
- Using a power saw, cut the stake off above the seal, but below the concrete's finished surface
- The lower portion of the VaporStake™ remains in place, permanently plugging the penetration
- No special tools, nails, glue, or caps required
- Cuts much faster, easier and safer than steel dowels

## VaporStake™ Availability

- Sold wholesale only
- 25 stakes per bundle for easy carrying
- To place an order email: [info@vaporstake.com](mailto:info@vaporstake.com)

## Use with sprayed on vapor retarders



1. Using a sledge hammer, drive VaporStake™ into ground



2. Seal barrier directly to VaporStake™



3. Using duplex nails, nail forms directly to VaporStake™

## Or Use with ASTM E 1745-09 polyolefin vapor retarders



1. If necessary, use a utility knife to puncture a slit in the vapor retarder. The slit should be no larger than the diameter of the VaporStake™ being used.



2. Dip the pointed end of the VaporStake™ into the mastic that is provided by the vapor retarder..



3. Properly align the nail holes and drive the VaporStake™ through the StegoWrap®. The VaporStake™ can be turned while the mastic is wet, but do not turn it after the mastic has set up.

## Finish the slab over the cut off stakes



4. Cut VaporStake™ above the seal but below the finished surface



5. Permanently leave the lower portion of VaporStake™



6. Finish slab over VaporStake™