



Insulated Slab for Hot Climates

1. Begin with a piece of ground. Dig a hole larger than the slab will be, excavating below the frost line.

2. Lay a plastic vapor barrier atop compacted gravel, pour the slab.

3. Wrap the edge of the plastic up and install rigid foam insulation along the outside edge of the slab.

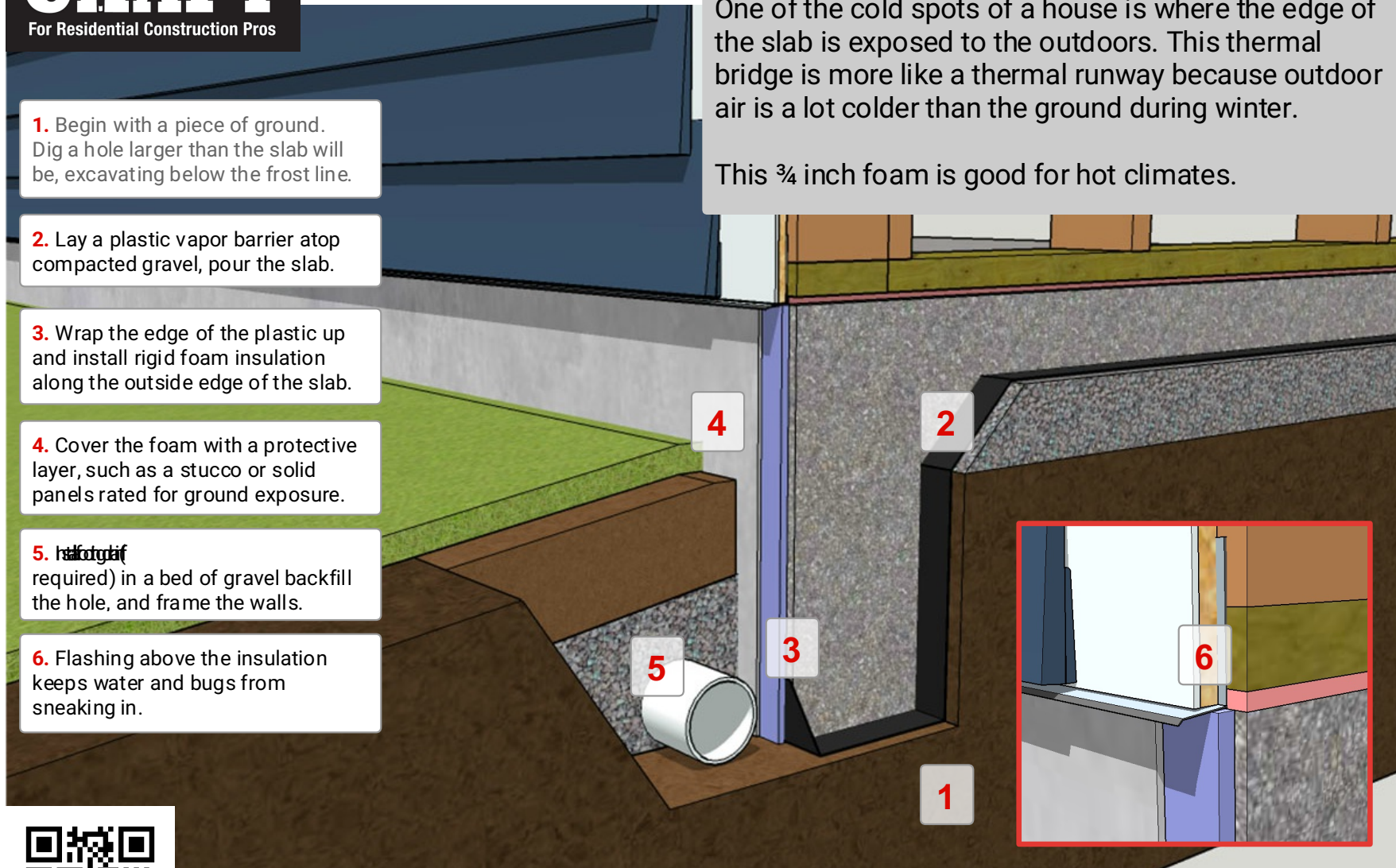
4. Cover the foam with a protective layer, such as a stucco or solid panels rated for ground exposure.

5. ~~Install~~ (if required) in a bed of gravel backfill the hole, and frame the walls.

6. Flashing above the insulation keeps water and bugs from sneaking in.

One of the cold spots of a house is where the edge of the slab is exposed to the outdoors. This thermal bridge is more like a thermal runway because outdoor air is a lot colder than the ground during winter.

This $\frac{3}{4}$ inch foam is good for hot climates.



Watch this detail sequence on your phone: <http://goo.gl/dxPv2G>