



## PROJECT:

# Unconditioned Crawlspace: Under Floor Application

An unheated or “unconditioned” crawlspace can cause significant heat loss up through the floor of your home, making your heating system work harder and wasting energy. Adding fiberglass insulation batts between the joists in the crawlspace ceiling can keep the rooms above comfortable and can help to lower your heating and cooling bills.\*



### The Evolution of PINK® Insulation

Owens Corning invented Fiberglas™ insulation over 75 years ago. Today, we are proud to bring you the next generation: EcoTouch® PINK® Insulation with PureFiber® Technology.

The innovation of EcoTouch® PINK® insulation keeps Owens Corning customers at the forefront of high-performance residential insulation products.

EcoTouch® PINK® Insulation — the smart choice for home energy savings.

- Soft to the touch
- Cuts fast for easy installation
- Minimum 55% recycled content<sup>1</sup>
- GREENGUARD GOLD certified and verified to be formaldehyde-free<sup>2</sup>

### Recommended Products

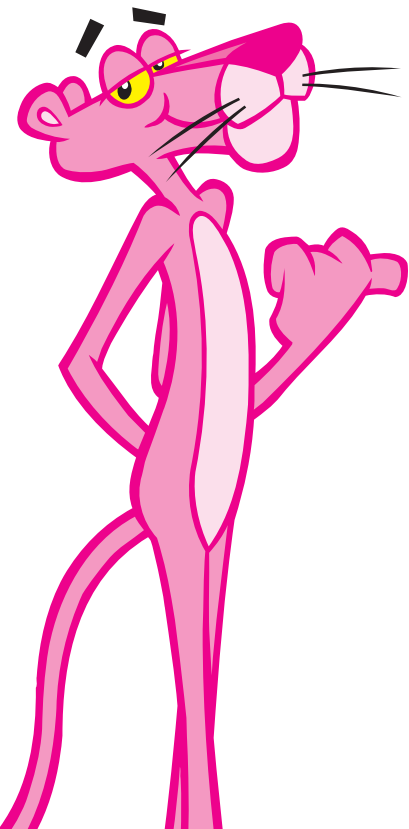
- R-38 EcoTouch® PINK® unfaced Insulation
- R-30 EcoTouch® PINK® unfaced Insulation
- R-19 EcoTouch® PINK® unfaced Insulation

### To calculate how much you need:

#### Crawlspace Floors

- Measure the length of the floor joists you want to insulate. Remember to measure the width between wall studs so you select the correct product width.
- Multiply the number of floor joists by the length of those joists.
- Divide floor area by the square foot coverage number on each insulation package to determine how many packages you need.

	Example	Your Home
Number of joists	5 joists	_____
Joist length	X 20 ft.	X _____
Total sq. ft.	= 100 sq. ft.	= _____
Divide by sq. ft. per pkg. <small>(R-19 product in 15" width = 48.96)</small>	÷ 48.96	÷ _____
Number of pkgs.	3	_____



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## Installation Instructions

1. Install the insulation so that it maintains continuous contact with the subfloor above. Any gaps between the floor and the insulation can allow air movement that reduces the insulation R-value. Make sure the insulation expands to its full label thickness (any areas of compression will also cause a reduction of R-value).
2. The insulation should be installed all the way back at the end of each joist run so that it touches the band joist. You want complete coverage under the house. There will usually be a narrow joist space on the walls that run parallel to the joist. The insulation should be cut to fit this space.
3. There are often both pipes and wires in crawl spaces under floors, and occasionally there will be a junction box. You may need to cut or split the insulation to fit it around electrical wiring, boxes and drain pipes.
4. Likewise, the insulation will have to be cut or split so that it fits around cross braces. Do not leave voids (uninsulated areas) or overly compress the insulation.
5. To support the insulation, use nylon banding or metal insulation supports. Wood furring strips can also be used.
6. Install a 4- to 6-mil polyethylene ground cover to keep ground moisture from seeping up into the space. All joints / seams in the poly should be overlapped a minimum of 6" and sealed. The ground cover should run up the crawl space wall, on all sides, a minimum of 6" and be sealed to the wall.

**NOTE:** Do not leave faced insulation exposed. The facings on kraft-faced insulation will burn and must be installed in substantial contact with an approved interior finish as soon as the insulation has been installed. Facing must be installed in substantial contact with an approved ceiling, floor or wall material. Keep open flame and other heat sources away from facing. See package for warnings, fire hazard and instructions, or call 1-800-GET-PINK®.

Check your local building codes for requirements in your area.



## Basic Tools

- Tape measure
- Utility knife
- Straightedge or 2 x 4 (for cutting insulation)
- Lightweight, squeeze-type stapler

## Protective Gear

- Work gloves
- Loose-fitting, long-sleeved shirt
- OSHA-approved safety glasses
- Disposable dust mask

## Special Equipment

- Portable work light

## Know-How

- Before you begin any insulation project make sure you:
  - Seal any open penetrations
  - Gather the necessary tools and wear protective gear listed above
- Always use a portable work light to ensure you have enough light in your work environment
- Leave EcoTouch® PINK® insulation in its wrapper until you are ready to use it
- Packaged insulation is highly compressed and expands greatly when the wrapper is opened

Owens Corning is fully committed to safety and believes accidents are preventable. Please join us by promoting safety where you live and work.



\* Savings vary. Find out why in the seller's fact sheet on R-values. Higher R-values mean greater insulating power.

<sup>1</sup> Certified by Scientific Certifications Systems to have a minimum of 55% recycled glass content.

<sup>2</sup> This product has achieved GREENGUARD GOLD Certification and is verified to be formaldehyde free. GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit [ul.com/gg](http://ul.com/gg).

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