



Frequently Asked Questions: Insulating basements with ECOCELL blankets

What is ECOCELL blanket insulation?

ECOCELL blanket insulation is a new, cost-effective, green basement/crawl space insulation that is easy to install.

What are the main advantages of ECOCELL insulation?

Very green, easy to install, non-itch, cost-effective, does not need to be covered with gypsum board, great sound absorber.

What sizes and thicknesses are available?

ECOCELL blankets are available in 1.5" and 2.5" thicknesses and come in 48" x 96" or 48" x 108" sizes.

What is the R-value of ECOCELL?

The R-value of a 1.5" blanket is R-6 and the R-value of a 2.5" blanket is R-10.

Why is ECOCELL insulation "greener" than other insulation?

ECOCELL is made from recycled and renewable fibers, the majority being recycled paper, and it takes far less energy to produce ECOCELL than to produce foam (petroleum base) and fiberglass (melting sand in gas furnaces).

Do the current building codes recognize ECOCELL insulation?

Yes. ECOCELL is recognized by all of the current building codes in the United States. ECOCELL has been tested by UL and evaluated by ICC-ES. Testing information is available at www.icc-es.org (ESR-2921) and www.ul.com.

Is moisture a problem when ECOCELL is used in basements and crawl spaces?

No. ECOCELL meets the required ASTM testing for moisture absorption. If ECOCELL blankets get wet, they dry out more quickly than other insulation materials.

What about mold or mold growth?

ECOCELL insulation contains an EPA registered fungicide that resists the growth of mold even in conditions favorable to mold growth.

Will ECOCELL lose its structure or R-value over time?

No. ECOCELL is made to last for the life of a building. The R-value and all the other properties of the insulation remain the same throughout the life cycle of the building.

Can ECOCELL be left exposed in basements?

Yes! ECOCELL blankets can be left exposed or even painted. Unlike other insulation materials, ECOCELL does not have to be covered with gypsum board. Leaving ECOCELL exposed is another reason ECOCELL is the cost-effective solution for insulating basements.

Can basements be finished after installing ECOCELL?

Yes. 2x2 or 2x4 studs, cavity insulation (including ECOCELL), and gypsum board can be installed in front of ECOCELL blankets.

How is ECOCELL installed against blocks and concrete walls?

ECOCELL can be installed with an adhesive foam, spray adhesive, or mechanical fasteners. ECOCELL blankets can be installed vertically or horizontally to suit your needs.

Does ECOCELL ship on a truck without problems?

Yes. ECOCELL blankets are shipped from the manufacturer on 4' x 8' pallets, and can be stacked individually.

Other than a circular saw, are there other methods to cut ECOCELL blankets?

Yes. An Insul Knife, which can be resharpened, works well. Also, some contractors use hand-held grinding wheels.

Are there other foam adhesives that will work with ECOCELL other than All Season and Hilti?

No other foam adhesives have been tested and approved, but 3M 78 Spray Adhesive is another option.

For more information, please call Cellulose Material Solutions at 888.968.9877 or online at www.cmsgreen.com.