



"When choosing insulation for our home our decision was based on ultimate safety, energy improvement and comfort for our new family. airKrete was the only one to truly provide all this." – Stephanie

THE WORLD'S SAFEST, GREENEST INSULATION



What is airKrete®?

Developed in 1987, airKrete® is a non-hazardous cement-based (i.e. cementitious) foamed-in insulation product, that consists of magnesium oxide—made from sea water—and ceramic talc.

airKrete® is certified to the most stringent standards for insulation ratings, safety and fireproofing. airKrete® has been successfully installed in thousands of retrofit and new building projects in the U.S. and Canada.



airKrete® insulation is the greenest choice around. Whether you are retrofitting your house or building a new home, airKrete® is the most environmentally safe foamed-in insulation products on the market today.

This proven, revolutionary technology excels in performance, safety, comfort and durability.

airKrete® is completely non-toxic, CFC and urea-formaldehyde/formaldehyde-free and 100% fireproof.

So it does the job of keeping your energy efficiency high and your energy costs low.

And it's friendly to the environment. Because the main compound is derived from common sea water airKrete® can be disposed of safely.



Installation

During installation, airKrete® has the consistency of shaving cream when “foamed into” walls; and dries completely in 24 hours, it dries completely. Most home retrofits can be finished in one day. Since it doesn’t produce dust or off-gassing, you don’t have to move out of the premises during installation.

Here’s how we do it:

1. Sets of up to 2-inch holes are drilled into the interior or exterior walls between each set of studs.
2. airKrete® insulation is mixed in drums outside the home.
3. The insulation is then pumped through hoses and “foamed” into each drilled hole using low-pressure air.
4. When completed, interior/exterior holes are patched with drywall compound or mortar.

In new homes, airKrete® is installed at the same time as the vapour barrier. A special mesh is used over the studs to hold the foamed-in insulation in place. Drywall can be installed within 24 hours.

To find a dealer in your area, visit: ([url to dealer page](#))

airKrete® Benefits



Lower heating/cooling costs: airKrete®’s high R-value of 3.9 per inch delivers significant heating and cooling cost savings and does not lose its R-value over time.



Comfort: airKrete® acts as an air barrier to eliminate drafts, so a building will always stay warm in winter and cool in the summer.



Non-toxic: airKrete® is free of CFCs, formaldehyde and other toxic chemicals so there is no off-gassing during or after installation.



Non-allergenic: airKrete® has been used in a number of properties where residents have extreme allergies and chemical sensitivities.



Non-hazardous waste: Leftover airKrete® can be disposed safely down household drains or city sewers.



Fireproof: airKrete® is the only insulation that is 100% fireproof, making it an ideal insulation for high-density housing and high-value buildings (libraries, archives, art galleries, museums).



Mould, bug and rodent resistant: airKrete® resists mould and mildew and has also been proven to resist insects and rodents.



Non-shrinking, non-settling: Once wall cavities are filled, airKrete® cures in approximately 24 hours. After airKrete® has dried, it is completely inert so it won’t expand, shrink, or settle.



Excellent soundproofing: Whether used for interior or exterior walls, airKrete® provides excellent sound-proofing and acoustic privacy. Professional musicians have used airKrete® for their studios.

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