Spray Foam Insulation: Completing Your Homeâ€™s Insulation System

by Chantay Smithingell

Article published on May 21st 2012 | Business

If you think that foam is limited to the topping on your cup of cappuccino or the stuff that a long and leisurely bath is made of, then think again. Foam can also be responsible in keeping your home toasty warm. Spray foam insulation is one of the many ways you can keep your home safe from the winter chills. In the case of Ohio, where winter can drop to nearly forty degrees below zero, Ohioans are most likely to need it.

Spray foams were first used in the 1940s by the military for airplanes, as it can get really cold above 20,000 feet. Twenty years later, people saw that spray foam can be used to keep homes warm for the winter. Spray foams are known for their remarkable ability to keep heat in and out of the house. You have a sea of foam in your roof acting as a heat shield to keep pools of heat strictly where they belong.

The typical mixture for spray foam consists of two ingredients: polyurethane and isocyanate. As the polyurethane mixture is sprayed onto the area to be insulated, the isocyanate mixes into the polyurethane when the spray foam is applied. The isocyanate is an essential ingredient if spray foam is to settle as real foam.

The result is a sea of spray foam across the roof that looks like white cotton candy laid out to dry. Due to the hazards of the chemicals involved in the spray foam, application should only be done by certified roofing contractors. Exposure to isocyanate can trigger asthma for people not equipped with proper protective gear.

Spray foam insulation for metal roofing Columbus Ohio homes have can either be applied tightly or loosely, open cell or closed cell insulation. The difference between the two is the amount of foam sprayed: open cell insulation has less foam and is therefore cheaper, while closed cell insulation has more foam offering more protection. The choice would depend on your budget and your needs.

You donâ€™t need to look far to see the advantages of spray foam insulation. The metal roofing Columbus Ohio homes have testify to their popularity. This is further boosted by the proven claim that they can keep the house at a consistent warm level of comfort throughout the winter months. Just be sure to monitor its proper application so that you can completely enjoy its benefits.

Ask your roofing contractor if they offer spray foam insulation Columbus Ohio residents can buy. For more information on this foamy insulator and how it benefits metal roofs, you can check out ehow.com/how_5462954_insulate-metal-roof.html.

Article Source:
http://www.articleside.com/business-articles/spray-foam-insulation-completing-your-home-s-insulation-system.htm - Article Side

Chantay Smithingell - About Author:
For more details, search a metal roofing Columbus Ohio and a insulation Columbus Ohio in Google.

Article Keywords:

insulation columbus ohio, metal roofing columbus ohio

You can find more free articles on Article Side. Sign up today and share your knowledge to the community! It is completely FREE!