

Types of home insulation.

There are 4 common types of insulation that can alter the heat inside your house depending on the weather conditions outside. They are as follows:

1. Spray Foam Insulation

This kind of insulation is done with aid of spray holders. Foam is sprayed from the containers in specific places of the house. The best places to install this kind of installation are new wall spaces, unfinished attics or existing walls. Although the foam is sprayed using spray holders, they can also be applied in large quantities, using the foamed-in-place method.



However, it should be kept in mind that this kind of insulation is much more expensive when compared to fiberglass insulation. In addition, it can also be a messy process. Also, the foam is made up of chemicals, which if inhaled can cause respiratory problems. Therefore, it is always advised to hire a handyman experienced in this task because you should make sure that the foam spread should be equal in every place.

2. Fiberglass Insulation

This is the commonest form of insulation. They are available in either loose fill or batts. The best part of insulating your house this way is that this is way cheap and is also the easiest way to do insulation for your home. Also, fiberglass insulation does not let your house get damaged from damp. This is non-flammable and thus it protects your house. All these characteristics make it preferable for householders to use this type of insulation for their homes.



Fiberglass insulation is done mainly between joists, beams, and studs.

However, you should be careful while installing this kind of insulation for your home because they can affect your lungs and skin. The best idea is to stay away from the place during installation. This material, unless sealed with plastic, must have a vapor barrier to protect the material from moisture. In addition, fiberglass tends to sag over time, and therefore should be re-installed from time to time.

3. Mineral Wool Insulation

Mineral wool insulation is also known as rock wool insulation. This is almost similar to fiberglass insulation. Mineral wool is easy to install. They come in loose fills, which can be poured directly from bags or be blown to a certain area. The best part of this kind of insulation is that it can tolerate higher temperatures, as in up to 1000oC than the other forms of insulation. The house also remains soundproof when insulated with this material.



However, it is much more expensive when compared to fiberglass insulation and is also not found in the market commonly. One should also wear protective gear while installing it because the slivers in the loose fill are tiny enough to get into your nose and can also cause cancer in the lungs.

4. Cellulose Insulation

If you are looking for some organic way to insulate your home, cellulose insulation will work best for you. This type of insulation is mainly made from recycled paper, mainly newspapers and sometimes cardboards and other kinds of papers, and comes in loose fills. Cellulose insulation materials are treated with chemicals to make them better in protecting the home from moisture, heat, and pests.



However, it should be remembered that as this kind of insulation absorbs moisture, they can get damaged with time. Therefore, experts advise that you should re-install it every five years. In addition, the overall installation costs for cellulose insulation for your home will be much higher as compared to the conventional fiberglass insulation option. Also, when installed, this kind of insulation is likely to create a lot of dust. Both in the case of dry or wet blown cellulose, it is important that there is a vapor barrier.