

Best materials for roof installation

What roof should every commercial building have? Commercial property owners do not need to search for criteria, which should correspond to the roof, as requirements are completely objective and clearly defined for each customer: the roof just needs to perform its function for a certain period of time and the cost of the installation and maintenance of such a roof should be minimal.

According to roofing specialists from Toronto, the most economically efficient solution that will suit any commercial building is the installation of the flat roof. This type of roofing is suitable for buildings of any height and any size. Flat roof will provide an opportunity to use the entire amount of space inside under it. Flat roofs are easy to repair and maintain. You don't even need to ask for a professional assistance all the time when you need to perform some repair works. All you need is to have the necessary materials. In this case you can try to repair the roof without professional help.



Insulation of flat roofs. Flat roof can be insulated and non-insulated. With non-insulated option, everything is very simple. All you need is to decide on a waterproofing



coating. Insulated roof has an alternatives to offer for those, who are choosing the type of insulation.

For insulation of modern flat roof the specialists from one of the leading companies in Toronto use the following materials: mineral wool slab insulation, extruded polystyrene foam plates, foam glass filler, sprayed polyurethane foam, foam crumb gas concrete, concrete block of different fractions. Each of the heaters, in addition to low thermal conductivity also has its own unique properties that are beneficial in a particular situation. Below we describe the few insulation materials that are commonly used by Toronto roof specialists:

Mineral (basalt) cotton. Vapor-permeable material, is non-flammable. Device

requires a vapor barrier and underlay ventilation. Applying as insulation mineral (basalt) cotton on the roof of a commercial building does not require an installation of firewalls, fire cutoffs. However, such material does not involve frequent walking without special footpaths.

Extruded polystyrene. Not imbues moisture, strong and durable material. Ideal for roof maintenance. Thermal conductivity does not depend on humidity, storage conditions and mounting material. Among disadvantages - the material is flammable and not resistant to UV.

Foam glass. Possess ideal qualities: high strength, durability, chemical and biological inertness, absolute flammability. Disadvantages: Due to the low flexibility it is difficult to use this material for insulation of roof of irregular or round form. The cost of this material is relatively high. Polytherm. Lightweight, strong and durable material. Can act as a tie and used in the formation of gradients. Insulates roof without overloading the main structure of the building.

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