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INSULATION

Keep the heat out and save money

WANT to reduce your electricity consumption?

One way to achieve this is by installing roof insulation. It not only helps reduce heat penetration but also cuts down on electricity use in buildings and homes.

Insulation is a sustainable product when you take into consideration the lifespan of a building.

Unlike other energy-saving steps that require significant lifestyle changes or financial commitments, the installation and maintenance of roof insulation is not only simple but affordable.

Among the buildings that are insulated for energy efficiency are the Energy, Green Technology and Water Ministry, Kuala Lumpur Convention Centre and the Energy Commission Diamond building in Putrajaya.

While most are aware of the environmental impact of cooling our surroundings artificially, we also find it difficult to brave the sweltering days and nights without air-conditioning. A well-insulated house can experience a drop in temperature.

While this may not eliminate the use of air-conditioning, it will reduce the amount of cooling needed to create a comfortable temperature.

Energy can be substantially reduced if air-conditioned areas are well insulated.

Refrigerators and air-conditioners demonstrate this through their star ratings, with five-star rated products being the most efficient.

Not too long ago, the British were advised to increase the level of insulation in their houses after they complained of high energy costs for heating. Improved insulation will reduce energy consumption and reduce dependence on imported primary energy such as coal or natural gas to generate electricity.

This doubles the benefits as it will also reduce foreign exchange spending on imported fuel while increasing local business activity.

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