

# Application of Low-Energy Glass in Green Building Design for Commercial Building

Prepared by: Teng Yi Heng

## ABSTRACT

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Low-energy glass is a building material that widely used today because it is one of the green building material Low-energy glasses was revolutionized in the years of 1970. Insulated glass (two or more pieces of glass with an air space between) made its debut in the early 70s. Low E glass was introduced in 1979. The E stands for Emissivity or Energy. Low E glass works by reflecting heat back to its source. Application of low-energy glass is low in Malaysia due to the level of awareness of key players toward this application is very low. Therefore, some of the recommendation needed to promote this application of low-energy glass especially in commercial building.

This research is to study the level of awareness of key players toward this application. By examine the level of awareness, able to determine level of awareness of key players towards this application. Perception of key players were analyze in this research to determine whether key players interest to install low-energy glass after knew about advantages of this application. Due to the level of awareness toward about this application is low; recommendation and promotion are needed to promote this application. Government plays an important role to promote application of low-energy glass.