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## Verification of Heat Load Reduction by a “Green Curtain” on a Prefabricated House in the Summer Season

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The use of eco-walls (called “green curtains”) is spreading rapidly due to the heat-island effect and has become an electricity-saving measure in recent years. Otherwise, prefabricated houses are convenient and so are frequently used at construction worksites, but they have some aspects with inferior environmental performance, such as insulation properties, compared with RC or SRC buildings.

Then, when inhibition and insulation efficiency could be improved at the surface of a wall by constructing a green curtain, it was thought that a higher consumed energy reduction effect was acquired, compared with RC or SRC buildings, and insulation properties are comparatively high. So we tried this examination.