

EFFECT OF THE THERMAL INERTIA OF THE HEATING TEMPERATURE OF A SLAB

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ABSTRACT. The thermal inertia is related to materials and how they form a building. It participates in the good performance, good use and comfort of the heat engine that is also the habitat. The objective of this work is precisely to study the influence of various parameters of the inertia of the surface temperature of the floor, which can allow the future to design houses with high inertia and very low energy consumption with satisfactory conditions of comfort.

KEYWORDS: *thermal inertia, solar heating, Floor, High inertia habitat.*