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## *Brick masonry and hollow concrete block masonry a comparative study*

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### **Abstract:**

The fundamental necessities of any architectural framework encompass economic viability and stability. An exemplary designer is one who formulates a design yielding a stable and cost-effective structure. This paper delves into an examination of hollow concrete block masonry, conducting a comparative analysis in relation to brick masonry construction. Parameters such as strength, economic efficiency, lightweight attributes, and insulation properties are thoroughly investigated and juxtaposed. While the strength of a hollow concrete block masonry wall may be inferior to that of a brick masonry wall, the construction cost of the former is significantly lower

### **Keywords:**

Masonry with Bricks, Compressive Strength, Economic Efficiency, Hollow Concrete Blocks, Insulation Properties.