

Independent Study Title	A Study on Delay of Home Construction
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Abstract

The aim of this research was to study the causes of delays in home construction by using the impact level and frequency of delays. The study focused on 2-storey reinforced concrete home constructions. The total area was no more than 1000 square meters located in Bangkok and metropolitan areas. In addition, this study examined the activities in various categories of work i.e. structural, architectural, electrical system, water supply system and sanitary system. The questionnaire data of 60 sets from those people involved in the construction was processed and analyzed through the SPSS Program.

The research revealed that the major cause of delays was ceramic tile flooring. The minor delays were caused not only by pile driving, ground-beam reinforcement, 2nd floor beam reinforcement, external plaster wall, ridge roof tile, internal masonry wall, internal plaster wall and internal painting but also ceramic tile wall, granite flooring, and parquet flooring. Ceramic tile flooring was the most frequently faced problem in house construction. The delays that were encountered in almost every house construction were 2nd floor beam reinforcement, stair reinforcement, external plaster wall, ridge roof tile, internal masonry wall, internal plaster wall, internal painting, ceramic tile wall, granite flooring, parquet flooring, trend and steps wood stair, polyurethane wood stair, respectively. In summary, the research evinced that ceramic tile flooring of architectural work played the most significant role in causing the delays.

Keywords: Construction delay / Causes of delay / Home Construction