

안전한 실내건축을 위한 마감 및 시설물 설치기준 등에 관한 연구

A Study on the Standards of Finishing Materials and Installation
for the Safe Interior Architecture

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Usually the interior architecture is carried out after a construction or during a construction by separate order. Most of them are small scale works of verbal contracts between clients and contractors to change building use or business type.

Furthermore, current 'Framework Act on the Construction Industry' has no regulation for the small scale work which is under 1,500 million won and unnecessary for architectural permission of using approval. As a result, clients and users of buildings are blamed for every problems.

There are several guidelines for interior architecture planning such as 'Fire evacuation standard' and 'Indoor air quality standard'. Even though these guidelines are based on the 'Building Act' and the 'Fire Services Act', the guidelines and laws have no contextual connections that helps to understand the whole picture of interior architecture and its relevant works. This makes it hard to manage the construction process systematically.

On the basis of problem recognition, 'Building Act' was revised

in May 2014 to prevent indoor accident and make the interior space more pleasant. In November 2014, the revised regulations were released more specific contents such as a building application. So, it is urgent to prepare more detailed execution criteria for the interior architecture.

This research aims to suggest building facilities installation standards including methods of structure and construction method for the interior architecture as the execution criteria of the revised ‘Building Act’ to prevent indoor accidents and to manage the work more effectively. The trends of the indoor accident, relevant finishing materials, and facilities installation standards are thoroughly reviewed.

Keyword ;Interior architecture, Safety accident, Finishing materials