Recent developments in hang ceilings in Egypt

Mohamed Rahoma,
Associate professor of Sculpture, Faculty of Applied Arts, Helwan University, Egypt**.**

Introduction :

This paper deals with hang ceilings as a complement to buildings and how to improve their functional performance in the following aspects; coverage adjustment and AC, electricity, sanitary supplies, components and safety factors against the Fire hazards, Addresses noise related problems, Realize good distribution of artificial lighting, Reach a high degree of sterilization and hygiene as a space requiriment Combat and attain non-proliferation of fire and smoke. **Statement of the problem:** hang ceilings as a finishing element plays a large diversity and articles appliances used in which has become must be of science characteristics and advantages and disadvantages of each of the types of materials only ceiling Best used and methods of implementation. Therefore, it is justifiable to investigate, how to develop the techniques of hang ceilings locally. The lack of standards clarifying the types of hang ceilings and uses and materials and characteristics of each type of production methods and instalation method on basis of technical and engineering specifications. Also there is an obvious need for the Processing each application of each to match interior components inside the building.
In this paper we are assuming that the presence of a functional specification standards should lead to the improvement of performance. **Objectives:** Acquiring and analysing Information on basic concepts of hang ceilings to enable the production of high quality ceilings, Rating hang ceilings according functional performance, the preparation of guidelines and standard data and guidance in the field of production and installation of hang ceilings. **Major Results:** The paper has found a good possibility of developing an outstanding ceiling industry , locally and reduce production costs while maintaining quality, It was viable also to rate hang ceiling as a product in terms of functionality, The study has managed to develop guidelines for the installation to ensure durability, The realization of sufficiency and adequacy of the production of local materials, Contribution to solving the unemployment by facilitating on hand training, Reduce weights while ensuring the durability of the product, Reduce costs using up to date alternative materials and components,

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