

"التوافق التكنولوجي لخامات البناء وأثره بيئياً علي التصميم الداخلي"

Technological compatibility of building materials and its environmental impact on interior design

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Abstract: -

The world is now witnessing a growing interest in environment and sustainable development. Over the past three decades, technology consumption has increased in all its forms, and there is no longer any interest in the sustainability of architecture or interior architecture. This is due to different lifestyles that have become a consumption pattern resulting into serious environmental crises. At the present time, the causes of the environmental problem are; firstly, many of the resources that are consider to be a reality are likely to be depleted in the near future, and secondly, to the increasing environmental pollution caused by the harmful waste which people produce. Therefore, these factors contributed to the increased awareness of the environmental role, worsening the pollution problem in the world and the emergence of the demands of preserving the environment and sustainability, especially in architecture and interior architecture.

As a result of this development, the technology of compatible materials appeared in recent decades. It appeared in many of the outstanding projects, which aims to preserve the environment and reduce pollution, thus influencing the development of environmental design principles and enriching the design thought starting from the early stages of the design process to the completion of the choice of building materials that are compatible to the surrounding environment in order to achieve sustainable internal spaces. However, these attempts are limited in the local environment and have not been taken the seriously.

Therefore, the problem of the research emerged in the negligence of the environmental side (ecological) in the selection of the building materials during the design process to achieve sustainable buildings.