

Construction using EPS Technology

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Abstract: *With the increase in demand for construction material, man has improved a lot in construction techniques of structures. In earlier ages structures were constructed with heavy materials and methods which were time consuming, costly and maintenance would be more. But this modern era is following the latest techniques in construction which have lot of advantages so the use of lightweight materials and faster construction has been started. Thus, one of latest techniques being adopted at present is use of expanded polystyrene (Thermocol) in construction of walls, slabs etc., i.e., used for non-structural elements which imparts light weight, economic, faster construction, acts as insulator and which results in a sustainable future as the resources can be saved to some extent. Expanded polystyrene (EPS) is a lightweight material that many people recognize as being used in packaging materials. EPS is an innovation building material that lends to design and structural integrity of many building projects. Nowadays, EPS became a powerful design element and an ideal choice for green building design, offering tangible environmental advantages that can maximize energy efficiency, provide improved indoor environmental quality and enhance durability.*

Keywords: EPS Technology

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