

How to Start AAC Plant - AAC Block Making Business Ideas

Description:

Autoclaved Aerated Concrete (AAC) is a non-combustible, lime-based, cementitious building material that is expanding into new worldwide markets. As a single-component building material, AAC has achieved acceptance in new markets throughout the world. This is a light-weight building material produced by autoclaving a set mix of fine siliceous materials such as ground sand or fly ash and a binder like Portland cement or lime.

Autoclaved Aerated Concrete (AAC) products are 4 times lighter in weight than ordinary concrete. Its characteristic structure comprising millions of tiny pores, it offers optimum solidity at low weight. As air has a low heat conductivity, aerated concrete provides for excellent thermal protection. It protects from cold and heat, allowing for single-shell constructions which provide more space, save time and reduce costs-aspects which are of considerable importance to property developers.

Advantages of Autoclaved Aerated Concrete Blocks: High strength to weight ratio, Low thermal conductivity, Stability to variations in temperature and humidity, and resistance to fire.

AAC products are equally suitable for residential construction, multistory buildings, commercial, and industrial construction. The products are made of natural materials: sand, lime, and water. These raw materials are processed to provide a building material with a large number of air pores.

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