

Building Materials for Construction (Stone, Bricks And Other Clay Products , Lime , Mortars, Concrete , Asbestos , Gray Iron , Cast Iron, Steel Castings, Aluminium And Magnesium Alloys, Ductile Iron , Malleable Iron , Resin, Wettability And Water Repe

Description:

Building material is any material which is used for construction purposes. Many naturally occurring substances, such as clay, rocks, sand, and wood, even twigs and leaves, have been used to construct buildings. Apart from naturally occurring materials, many man-made products are in use, some more and some less synthetic. The manufacture of building materials is an established industry in many countries and the use of these materials is typically segmented into specific specialty trades, such as carpentry, insulation, plumbing, and roofing work. They provide the make-up of habitats and structures including homes. Construction industry is the largest consumer of material resources, of both the natural ones (like stone, sand, clay, lime) and the processed and synthetic ones. Each material which is used in the construction, in one form or the other is known as construction material (engineering material). No material, existing in the universe is useless; every material has its own field of application. Stone, bricks, timber, steel, lime, cement, metals etc. are some commonly used materials by civil engineers. Selection of building material, to be used in a particular construction, is done on the basis of strength, durability, appearance and permeability. The stone which is used in the construction works, in one form or another is always obtained from the rocks. The rocks may be classified in four ways; geological classification, physical classification, chemical classification and classification based on hardness of the stone.

The book provide wide coverage of building materials such as stone, bricks, lime, mortars, concrete, asbestos, gray iron, cast iron, steel castings, Aluminium, wood, architectural paints and so many others with their applications in building construction. The book is resourceful for all professionals related to construction field, technocrats, students and libraries.

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Keywords: Building Materials, List of building materials, Construction and Building Materials, Building Materials in Construction, construction materials list, building construction material list, New Construction Materials for Modern Projects, Construction Materials for Flooring, Materials In Construction?, Construction Materials Industry, Building and construction materials, Construction materials and products, building construction material, How to Make Clay Brick, Hydraulic lime, Natural Hydraulic Lim

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