

THE IMPORTANCE OF NEW TYPES OF BUILDING MATERIALS FOR BUILDINGS TODAY

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Abstract: This in the article today's creativity works outbreak received one in the period new kind of construction materials, them working production, use, their advantage sides, price grades, external countries with partnerships about information is given.

Keywords : construction materials, renewal, creativity, earthquake-resistant, innovative, strength, deformation, gypsum, clay component, composite fittings, construction, foam block, gas block, mosaic, paint.

Introduction. Uzbekistan is flourishing in every field. Every in the field development, renewal, rise intense pictures with growing is progressing. Uzbekistan development and flourishing old man creativity works with Creativity works Uzbekistan everyone in the province is developing. Buildings and structures construction is mainly population number with is related. Currently in our country population number 38 million arrived. Uzbek people baby People. Young people growing up in each house will definitely become owners of an apartment. Due to the large population, density, and needs of the population, construction work is being carried out in Andijan region at an accelerated pace. The apartments to be handed over to the population must meet the requirements and be built according to state standards. Buildings built based on state standards must be strong, earthquake-resistant, less deformed, and have a service life that meets the requirements. Construction materials account for 55-60 percent of the cost of construction work. The choice of modern, new, high-quality, inexpensive, earthquake-resistant, and innovative materials is of great importance. The rapid development of construction work also requires the development of the building materials industry. In order to develop the production of building materials in the republic, in 2019 On February 20, the Resolution of the President of Uzbekistan "On measures for the radical improvement and comprehensive development of the building materials industry" and on May 23, 2019 "On additional measures for the accelerated development of the building materials industry" were adopted. The "Uzsanoatqurilishmateriallari" association was established to ensure stable growth rates in the production and export of competitive products, as well as to further deepen structural changes in the building materials industry aimed at modernization of enterprises, technical and technological renewal. In 2019-2025, it is planned to increase the volume of the raw material base of the construction industry based on geological exploration, extraction and processing - 13.1 million tons of limestone, 1.8 million tons of gypsum, 1 million tons of clay components, brick raw materials, 0.1 million tons of quartz sand, 5.6 million cubic meters of displaced rocks (basalt), and the production of stone and gravel. It is planned to increase the production of wood chip boards and boards made of wood and other wood-based materials by 15 times, aerated

concrete blocks by 7 times, paint and varnish materials and architectural and construction glass produced on the basis of energy and heat-saving float technology by 4 times, composite reinforcement made of basalt by 3 times, and cement production by 2 times. We are creating opportunities not only to supply the domestic market, but also to export to foreign countries. Products such as floor coverings, light metal structures, basalt rovings, polystyrene plates, or penoplex, were exported to countries such as Russia, Ukraine, Turkey, and Azerbaijan. Energy consumption in the production of building glass was reduced by half. As a result of fundamental reforms in the building materials industry in the past period, namely in 2019-2020, local manufacturers have mastered the production of new types of innovative, export-oriented and import-substituting building materials - foam concrete, liquid foam concrete, cinder blocks, gas blocks, foam blocks, polystyrene blocks, composite (asbestos-free) slate, refractory bricks, soft roofing materials, insulating materials and products (basalt, mineral, stone), basalt reinforcement, fiber, mesh, frit (raw material used for coloring tiles), decorative paints, mosaics (stone, glass and ceramic), sports and household linoleum, fiberglass, fiberglass mesh, waterproofing materials, geotextiles, geomembranes, bentonite mat (mat), geogrid, geogrid and recomposite. Today, local enterprises are being established with Russian partners to establish the production of zero bitumen and zero concrete, which will increase the service life of road surfaces by 2.5 times and reduce the cost by 35-40 percent. Today, local enterprises are being established with Russian partners to establish the production of zero bitumen and zero concrete, which will increase the service life of road surfaces by 2.5 times and reduce the cost by 35-40 percent. A project worth 445,000 US dollars is being implemented for this purpose. As a result of studying international best practices in introducing innovations into the building materials industry, light-transmitting concrete, a new type of building glass, chameleon bricks, glass tiles, self-healing flexible concrete, landscape-moving floor coverings, foam wall coverings, quartz vinyl flooring, plastic formwork for pouring concrete, rice straw MDF panels, and composite liquid thermal insulation coatings are widely used in construction, major repairs, and design work.

New type of construction materials



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