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"Application of innovative technologies in construction materials industry in Azerbaijan"

Like the other areas, application of new technologies in the construction industry is one of the main conditions for the formation of a competitive production. Development trends of the modern construction technologies are diversified and specifications like energy saving, ecological purity, attractive design, economic efficiency, durability and ensuring their optimal balancing require special attention.

Product portfolio of "Metanet A" with more than 200 product brands include products considered priority like gypsum-based products, ceramic adhesives, waterproofing compounds, floor coverings, concrete additives and other construction materials. Production of FASNATURAL branded panels got on the basis of wasted raw materials due to mechanical processing of natural stone materials is one of the most important steps carried out by the company in this area. Along with reducing the load acting on buildings and facilities, the application of FasNATURAL panels ensure their high durability, make frost-resistant as natural stone and allow to obtain product in any shape.

The report also deals with information about theoretical and scientific bases of production of Dry Construction mixtures with plaster and cement based high construction and technical properties. It should be noted that the most remarkable achievements in the production of dry construction mixtures is the application of nanotechnology. Production of environmental clean "Aghdagh plaster", BLOKPAN panel -4 in one, gypsum adhesives with high plasticity etc. made inevitable of the foundation of

Research and Application of Inventions Academy (RAIA).