PRODUCTS AND GLASSCERAMICS PROPOSED AS MATRICES FOR NEW COMPOSITES FOR CONSTRUCTION APPLICATIONS

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Summary.
Nowadays, the composite materials are well established in applications on Construction: Building and Civil Engineering. They are mainly based on cement and/or polymer matrices which include as dispersed phase generally: fibers, particles or grains, layered materials...which usually are: metallic, inorganic, mineral and/or organic composition. Since years the glassceramics composite materials have been developed in laboratories and already there are marketed materials for different industrial applications. However, these have not been widely used in construction applications. Therefore, here are shown the principles and properties of these not enough known composites which can afford solutions to the construction systems in nextly years.