

## POSSIBILITIES OF FIBERCEMENT EXTRUSION

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### **Abstract.**

Extrusion offers a new look at fiber reinforced cementitious composites. By this technology accurated by shaped products with high performance characteristic may be manufactured. This paper present results of research this technology at Research Institute of Building Materials, JSC Brno.

A mixture for extrusion is typicall by its high toughness and high fiber content, as the fiber content may be several times higher then at utilization of other production methods.The technology of twin shaft kneader makes it possible product homogenous mixture for extrusion with low water/cement ratio. With use of auger moulder mixture of high toughness is formed to final shape. The extreme shear and pressure stress are applied in the process. Therefore there are high requirements posed on the equipment.