

Title (en)

Method for preparing a building material

Title (de)

Verfahren zur Herstellung eines Baustoffs

Title (fr)

Procédé de préparation d'un matériau de construction

Publication

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Application

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Abstract (en)

[origin: WO2005087683A1] The invention relates to a building material made of a powdery or granular base substance which hardens in the presence of water by crystallization, re-crystallization or chemical reaction and is particularly suitable for improving the solidity and water-resistance of objects which are manufactured with said component. The aim of the invention is to provide a building material which can be processed like a normal mineral building material but which exhibits a higher degree of resistance to moisture in building components produced therefrom when in a hardened state. Said aim is achieved by virtue of the fact that the building material is made of a base substance and a covering substance. Natural prepared raw materials such as plaster, anhydrite or lime or industrially manufactured building materials such as cement or reactive fly ash or synthetic mineral materials or mixtures of the above-mentioned materials are used as a base substance. The individual particles of said base substance are coated with a covering substance which does not react to or whose solvent does not react to the base substance. The surfaces of the individual particles of the base substance are either partially or fully surrounded according to the type of covering substance used.

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