

発明名称： 人工紋理石（大理石）の製造方法

Method for producing artificial grain stone comprises adding a color sand with natural gloss into a polymer resin as a base material; after uniformly mixing the base material, pouring the material into a mold, a ground to be worked on or the surface of an object; using the high fluidity of the base material per se to form a smooth surface, and a coating with a uniform thickness; prior to coagulation of the base material, pouring or dripping or spraying a color sand, a color paste, a color powder, or a material of a similar property of a different color on the surface of the work piece so that the newly added color material immersed into the base material by its own weight; using device such as a mixing pen or bar to gently mix the location of addition in order to form a grain pattern similar to a natural grain stone; and after completely drying, forming an artificial grain stone having an appearance and a core structure nearly identical to a natural grain stone, while the high strength and hardness, wear resistance and resistance to repetitive polishing similar to a natural grain stone, capable of being polished by wax without damaging its natural grain.

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説明

A method for producing an artificial grain stone comprises: adding a color sand with natural gloss into a polymer resin as a base material; after uniformly mixing the base material, pouring the material into a mold, a ground to be worked on or the surface of an object; using the high fluidity of the base material per se to form a smooth surface, and a coating with a uniform thickness; prior to coagulation of the base material, pouring or dripping or spraying a color sand, a color paste, a color powder, or a material of a similar property of a different color on the surface of the work piece so that the newly added color material immersed into the base material by its own weight; using device such as a mixing pen or bar to gently mix the location of addition in order to form a grain pattern similar to a natural grain stone; and after completely drying, forming an artificial grain stone having an appearance and a core structure nearly identical to a natural grain stone, while the high strength and hardness, wear resistance and resistance to repetitive polishing similar to a natural grain stone, capable of being polished by wax without damaging its natural grain.

