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(54) **Fabrication procedures for ceramic coatings.**

(57) The Invention Patent refers to a procedure for ceramic coating fabrication, that consist in the application of a sticker or only part of it, over a determinated number or pieces, that after the consequent standar baked process and adequate hardening constitutes a module, which in combination with the different modules in the same way obtained and with the application over the surface to coat produces a design ensemble susceptible to vary in total dimension, thus in the desing ensemble, according on the different modules obtained.

Description

STATE OF THE ART

At present time, the ceramic coatings used, are achieved based on monocolour tiles or at least with bindings or figures of lineal type for which to obtain an adequate ensemble to a predetermined design, the use of a number of tiles or piece that at best could only obtain lineal figures ensemble.

In other cases there are ensembles on which a design is included in a number of pieces therefore this design is always obtained as the main pattern of the ensemble, pattern which will be centered or repeated a certain number of times, but without the possibility of design enlargement or diminishment to the design we deal with.

All these procedures nowadays in use, are obtained by an stamping process, treat and oven process of the piece in a unitary way, with a remarkable increase in cost expenses, and yet when in some cases like the one mentioned above, of a unitary design pattern, a sticker is use for the ensemble in a determinated number of pieces, this ensemble is non changeable and fixed, without any possibility of combination or variables on it.

NEW PROCEDURE DESCRIPTION

Thanks to the new procedure cited, the inconvenients above mentioned, are totally eliminated, getting through the stamping on modules of a certain number of pieces to which a sticker or part of it is adapted, a modular system that allows through combination of such modules the attainment of as complete design and variables to the surface to coat regardless its dimension, since the number of modules for corner centers and edges to applicate in each case those necessary to obtain the desired ensemble.

In essence, this procedure consist of setting a sticker or part of it only over a determinated number of pieces we would like to decorate, on which a module is obtained that it is part of the ensemble to be obtained, for which if necessary the sticker could be cut in the precise parts for which a fixed number of pattern pieces contain always the pattern of the ensemble.

Once the stamping, harden and adequate baked are attained on each case, depending on which coating to perform walls or floors, performing this process by modules as previously described, these modules would then be set over a particular surface, combining then in such way to obtain in each case the desired design.

In this manner, it is obvious that the placing of more or less modules allows the enlargement or reduction of the final design always in accordance with the dimensions of the total surface, or even the variation of such design through the combination of the different modules used.

Following a detailed procedure description announced will be done, with a referece to an execution example, not limited and susceptible to all those variations of detail and form that would not mean a fundamental alteration of the essential

characteristics on its own.

According to the execution example represented, we try to obtain a contour on an existing corner modules, edge modules and center zone modules, of a predetermined design.

A sticker correspondent to corner is placed for example over a nine tile of 30 by 30 cm, this ensemble forms a frame of 90 cm on one side, with which we proceed to its stamping, baked treatment etc., according to the normal procedures used, and with the characteristics that in each case are needed of hardness, friction resistance, etc., according to the application to which they would be assing, whether they are walls or floors.

A second similar module, will be stamped with the correspondent edge sticker, therefore obtaining another module with part of the complete desing, so that other akin modules are obtained with correspondent center zone parts, having to take the number of modules necessary to be in accordance with the sketch we desire to obtain and in the case of wanting to use its total amount.

Once these modules are obtained, the placing on as particular surface, will be achieved through the combination of them, and in an adequate number to the surface to be coated, with the advantage that not only with the use of a number of modules we obtain a design larger or smaller in dimension, but through the combination of them we could get different designs with remarkable modifications, without having to stick always to a particular or fixed pattern.

The shape, materials and dimensions could be varied and in general all those things that are accessory and secondary too, however whenever the essential characteristics of the described procedure would never be altered, changed or modified.

Claims

1. Fabrication procedures for ceramic coatings, characterized by the foresee placing of the sticker of part of it only over a determinated number of pieces, in such form that composes a part of the total decoration to be obtained, constituting a module of the ensemble or ensembles that are to be conformed afterwards.

2. Fabrication procedures for ceramic coatings, under claim n° 1, characterized due to the fact that after modules are baked by the standard process, these are applied over surfaces to be coated, configuring the complete sketch correspondent to a design that in each case have to be obtained.

3. Fabrication procedures for ceramic coatings under claims n° 1 and 2, characterized by the fact that according to the modules employed and the combination of them, the total

dimension of the sketch to be obtained is changed, aswell as the variation of the design, accordin to the different possible combinations of the mentioned modules, obtaining a modular ensemble of numerous applications.

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4. FABRICATION PROCEDURES OF CERAMIC COATINGS.

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