Title (en)
METHOD FOR PRODUCING A PLASTIC FLOOR COVERING

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES FUSSBODENBELAGES AUS PLASTISCHEM MATERIAL

Title (fr)
PROCEDE POUR LA REALISATION D'UN REVETEMENT DE SOL EN MATIERE PLASTIQUE

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Abstract (en)
[origin: WO0164996A1] The invention concerns a method for producing a floor covering which consists in: in a first operational phase, classically producing a base structure (1b) with plasticized PVC, by pressing, calendering, extrusion or coating, optionally reinforced with a textile core and associated with an additional backing (1a); then in a second operational phase, producing a surface covering consisting of a double-layer complex comprising a thermoplastic layer coated with a thermosetting polymer film. The invention is characterised in that said double-layer complex is formed, either continuously and in line with the production of the base structure, or on a transfer support enabling complexing in a subsequent phase by: depositing on the upper surface of the base complex, or on a transfer support, a transparent or coloured layer (2) of PVC plastisol which is pre-gelled by heat treatment; continuously coating the pre-gelled plastisol layer (2) with thermosetting powder (7) and heat treatment transforming the powder into a continuous liquid film (9); passing the resulting complex in a warm air furnace (11), bringing about gelling and crosslinking of the two constituents (2, 9) of the surface layer.

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