

Title (en)

Floor covering and process for the manufacture thereof

Title (de)

Bodenbeschichtung und Verfahren zu deren Herstellung

Title (fr)

Revêtement de sol et procédé pour sa fabrication

Publication

EP 0837177 B1 20041215 (DE)

Application

EP 97117807 A 19971015

Priority

DE 19642955 A 19961017

Abstract (en)

[origin: EP0837177A2] A floor coating comprises at least two layers, one on top of the other and based on polyurethane (PU). A process for producing the coating involves applying the first layer (2) to a surface (1) to be coated and then applying the upper layer (3) before the lower layer (2) is completely cured. Preferably the upper layer (3) includes 20-50% of a filler (4), especially quartz sand, quartz powder and/or corundum. Filler particle size is 0.1-0.5mm. During application the viscosity of the lower layer (2) is 2000-9000 mPa s and of the upper layer (3) 9000-21000 mPas. The upper layer (3) may include a light resistant hardener. Adhesion between both layers (2,3) is 1.5-6N. The fillers (4) may be added to the polymer before applying the coating or afterwards prior to the start of curing of the layers.

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