

Title (en)
MULTILAYER COMPOSITE PLATE

Title (de)
MEHRSCHICHTIGE VERBUNDPLATTE

Title (fr)
PLAQUE COMPOSITE MULTICOUCHE

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Application
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Abstract (en)
[origin: WO2009080171A1] The present invention relates to a composite plate having a surface which has excellent abrasion resistance and excellent stability of gloss. This composite plate comprises, according to a general inventive concept, (a) a core layer, (b) a decorative layer, (c) particles having a Mohs hardness of at least 8, (d) a binder arrangement within which the core layer and the decorative layer are provided and which forms a binder layer containing the particles which is arranged on the decorative layer, characterized in that (i) the surface of the composite plate formed by the binder layer has a gloss reduction after abrasive treatment in the gloss reduction test GR500 of not more 7%, with the original gloss being at least 80 GE, (ii) the particles have an average particle size in the range of 5-100 μm and (iii) the loading of the composite plate with the particles, based on the surface area of the composite plate, is in the range of 21-35 g/m².

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