Title (en)

METHOD FOR COATING UNEVEN SUBSTRATES WITH THIN COATING MATERIALS AND A LAYER SUPPORT PRODUCED ACCORDING THERETO

Title (de)

VERFAHREN ZUM BESCHICHTEN UNEBENER UNTERGRÜNDE MIT DÜNNEN BESCHICHTUNGSMATERIALIEN UND EIN DANACH HERGESTELLTER SCHICHTTRÄGER

Title (fr)

PROCEDE POUR RECOUVRIR DES SUPPORTS NON PLANS AVEC DES MATERIAUX DE REVETEMENT DE FAIBLE EPAISSEUR ET SUPPORT AINSI REVETU

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Abstract (en)

[origin: WO03086750A1] The invention relates to a method for coating uneven substrates, particularly timber product surfaces, with thin coating materials to form an even and uniformly smooth surface, whereby the support and the coating constituents are pressed against a smooth metal sheet, laminating rolls, structured strips or the like, and relates to layer supports comprised of a supporting material and of a coating material. The aim of the invention is to also be able to reliably and economically smooth materials that have uneven surfaces. To this end, a top layer film and an adhesive system serve as the coating material, whereby the adhesive system, during coating, gives the top layer film properties that fill and span flaws in the material to be coated by means of chemical/physical reactions. In a corresponding layer support, the coating materials comprise an adhesive system and a top layer film, whereby the adhesive system contains fillers that, during coating, fill and span flaws of the material to be coated by means of chemical/physical reactions.

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