

Title (en)
REINFORCING MESH FOR A REINFORCED MORTAR LAYER OR SPRAYED MORTAR LAYER ON AN UNDERLAYMENT, AND METHOD FOR THE INSTALLATION THEREOF AND REINFORCED MORTAR COATING PRODUCED THEREWITH

Title (de)
BEWEHRUNGSMATTE FÜR EINE ARMIERTE MÖRTEL- ODER SPRITZMÖRTELSCHICHT AUF EINER UNTERLAGE SOWIE VERFAHREN ZU DEREN EINBAU UND DAMIT ERSTELLTE ARMIERTE MÖRTELBSCHICHTUNG

Title (fr)
TREILLIS D'ARMATURE POUR UNE COUCHE DE MORTIER OU DE MORTIER PROJETÉ ARMÉE SUR UNE BASE, PROCÉDÉ DE POSE ASSOCIÉ ET REVÊTEMENT DE MORTIER ARMÉ AINSI OBTENU

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Abstract (en)
[origin: WO2011022849A1] The invention relates to a reinforcing mesh (11) to be used for a reinforced mortar or sprayed mortar layer on an underlayment (9). The reinforcing mesh includes carbon fibers (3) extending only in a marked direction as a special feature, and together with inexpensive stabilizing fibers (4) made of glass or polyester, which extend in one or more other directions, the reinforcing mesh forms a woven fabric, a scrim, or a knitted fabric. The mesh size is at least 10 mm, wherein the carbon fibers (3) used each have a tensile modulus of elasticity of greater than 200 gigapascals. The reinforcing mesh is laid by means of the following method steps: a) roughening the surface of the underlayment (9); b) applying a leveling layer (10) of cementitious mortar to the rough surface of the underlayment (9); c) fastening the reinforcing mesh (11) by pressing the reinforcing mesh into the wet, not yet set leveling layer (10); d) applying a cover layer (12) of the identical cementitious mortar to the wet, not yet set, reinforced leveling layer (10).

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Citation (search report)
See references of WO 2011022849A1

Citation (third parties)
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