Title (en)
FLAT STRIP LAMELLA FOR REINFORCING BUILDING COMPONENTS AND METHOD FOR THEIR PRODUCTION

Title (de)
FLACHBAND-LAMELLE ZUR VERSTÄRKUNG VON BAUTEILEN SOWIE VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)
BANDE PLATE LAMELLAIRE POUR RENFORCER DES ELEMENTS DE CONSTRUCTION ET SON PROCEDE DE FABRICATION

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Abstract (en)
[origin: US6511727B1] Flat strip lamella for reinforcing weight-carrying or weight-transferring building components. It has a composite structure consisting of a plurality of pliant or loose-flex supporting fibers (26) aligned parallel to each other, and a binding matrix (28) which connects the supporting fibers to each other so that they are shear-resistant, and is fastenable by means of an adhesive (16) by its broad side to the surface of the building component (12) that is to be reinforced. So that the flat strip lamella, to which the binding matrix gives rigid elastic form, can also be bent over corner edges of a building component (12), the invention proposes that the binding matrix (28) be removed, in at least an intermediary area (30), by uncovering the supporting fibers (26), and that the uncovered supporting fibers be subjected to a liquid or pasty thermosetting plastic, in order to stabilize the bent-over condition.

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