

Title (en)

Solid and stable construction material with adhesive layer

Title (de)

Festes, formbeständiges Baumaterial mit Klebstoffschicht

Title (fr)

Matériau de construction solide et stable avec couche adhésive

Publication

EP 2009189 A1 20081231 (DE)

Application

EP 07012680 A 20070628

Priority

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Abstract (en)

The solid, shape-retaining building material (1) to construct stationary buildings e.g. in the form of a stone for producing brickwork as brick, lime sandstone and gas- or aerated concrete stone and/or in form of a plate-shaped element for overlaying brickwork as tile, slab-stone, insulation plate, ethernet plate, slate slab, roofing tile, roofing shingle and wooden plate or wooden board, comprises a flat surface (2) partially provided with an adhesive layer (3) having three layers, which are formed as carrier. The building material has a basic shape in the form of cuboid or plate-shaped. The solid, shape-retaining building material (1) to construct stationary buildings e.g. in the form of a stone for producing brickwork as brick, lime sandstone and gas- or aerated concrete stone and/or in form of a plate-shaped element for overlaying brickwork as tile, slab-stone, insulation plate, ethernet plate, slate slab, roofing tile, roofing shingle and wooden plate or wooden board, comprises a flat surface (2) partially provided with an adhesive layer (3) having three layers, which is formed as carrier. The building material has a basic shape in the form of cuboid or plate-shaped, two rectangular or quadratic base surfaces oppositely lying with each other and four front surfaces connecting with one another. The external layers of the adhesive layer consist of different materials. The external areas or layers of the adhesive layer consists of physically-active and/or hardened adhesive, and pressure-sensitive adhesive, and has high viscosity of 15.000 mPas or more, and a glass transition temperature of -30[deg] C or less. The flat surface has non-coherent adhesive areas. Gaps between the areas of the adhesive layer are provided with constant width of 15 cm or more. The individual areas of the adhesive layer have a prolate shape with a constant width of 20 mm or less. The outwardly turned side of the adhesive layer is covered with a detachable covering layer (4) e.g. a removable film and/or a removable paper.

Abstract (de)

Die Erfindung richtet sich auf ein festes, formbeständiges Baumaterial (1), bspw. in Form eines Steins zur Herstellung von Mauerwerk, insbesondere als Ziegel, Kalksandstein, Gas- oder Porenbetonstein, etc., und/oder in Form eines plattenförmigen Elements zum Belegen von Mauerwerk, insbesondere als Kachel, Fliese, Isolationsplatte, Ethernitplatte, Schieferplatte, Dachziegel, Dachschindel, Holzplatte oder -brett, etc., wobei wenigstens eine etwa ebene Fläche (2), vorzugsweise partiell, mit einer sofort haftenden Klebstoffschicht (3) versehen ist.

IPC 8 full level

E04B 2/06 (2006.01); **E04B 2/02** (2006.01)

CPC (source: EP)

E04B 2/02 (2013.01); **E04B 2/06** (2013.01); **E04B 2002/0276** (2013.01)

Citation (search report)

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