

Title (en)

INSULATING MATERIAL ELEMENT MADE OF MINERAL WOOL AS WELL AS A ROOF STRUCTURE COMPRISING SAME.

Title (de)

ISOLATIONSELEMENT AUS MINERALWOLLE UND DACHKONSTRUKTION DIE DIESES AUFWEIST

Title (fr)

ELEMENT ISOLANT EN LAINE MINERALE, ET TOIT COMPRENANT UN TEL ELEMENT.

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0070161A1] The invention relates to an insulating material element (1) made of mineral wool, a process for its production and use of the same for insulating surfaces, in particular for the over-rafter insulation of roofs (3), on facades, on ceilings and the like. The insulating material element (1) is designed as a one-piece panel element (10) with at least one insulating part (11) of high heat insulating capacity and at least one load-dissipating fillet (12), which likewise consist of mineral wool and has an increased compressive strength in comparison with the mineral wool material of the insulating part (11). The fillet (12) is permanently bonded to the latter for forming an integral component of the panel element (10). Consequently, the invention provides an insulating material element (1) of which the body exclusively consist of bonded mineral wool and which, in spite of an increased compressive strength in comparison with conventional heat insulating elements, has a good heat insulating capacity. At the same time, on account of the low weight, it can be easily manipulated by one person and can be produced inexpensively.

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IPC 8 full level

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