

Title (en)
INSULATING ELEMENT

Title (de)
DÄMMELEMENT

Title (fr)
ELEMENT ISOLANT

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Application
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Abstract (en)
[origin: WO2007042232A1] The invention relates to an insulating element, in particular for the thermal and sound insulation of flat or slightly inclined roofs, comprising mineral fibres, in particular glass fibres and/or rock fibres, bound using binders, the insulating element having a first large surface, which is directed towards a surface to be insulated, and a second large surface extending parallel to and arranged at a distance from the first, wherein the large surfaces are connected to one another via side faces, which side faces are oriented substantially at right angles to one another and to the large surfaces, and the insulating element also having at least one coating arranged on one surface. To improve an insulating element of the type in question in terms of its static properties, in particular in terms of its bending strength and, moreover, its processability, this invention provides for the coating to comprise at least one reaction product of light-burned magnesia (MgO) with at least one concentrated magnesia chloride solution.

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