

Title (en)
FIRE PROTECTION MATERIAL AND ITS USE

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Application
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Abstract (en)
[origin: EP0106144A2] Fire protection material comprises a flat supporting material with a large number of through-openings and a coating of a fire protection agent, which forms an insulating layer when subjected to excessive heat. The through-openings are closed in the event of a fire by the insulating layer as it foams up. The supporting material comprises inorganic, non-metallic, heat-stable material at least 3 mm thick, which has through-openings of 2 mm<2> to 100 mm<2>, and which constitute 2 to 30% of the total surface area of the supporting material. The supporting material preferably has a relatively low density. The invention also relates to a process for protecting objects against the effects of fire by enveloping the objects completely or partly with the fire protection material, to a construction for fire protection obtained according to this process, as well as to the use of protection materials for protecting objects against the action of fire.

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Cited by
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