

Title (en)
Prefabricated insulating perlite slab of reverse insulation

Title (de)
Vorgefertigte isolierende Perlitsplatte mit umgekehrter Isolation

Title (fr)
Dalle préfabriquée isolante en perlite, à isolation inversée

Publication
EP 0902134 B1 20040421 (EN)

Application
EP 98600015 A 19980828

Priority
GR 97100347 A 19970911

Abstract (en)
[origin: EP0902134A2] It is a prefabricated insulating perlite slab of reverse insulation having as its principal ingredient, the expanded perlite whose manufacturing principle has been invented in order to cancel the weaknesses of the conventional perlite insulation and which is used for the insulation (heat-insulation and sealing) of normal accessibility terraces and slopping roofs of buildings, with reversed perlite insulation (with reversed insulation, with permeability) for healthy living conditions. Its construction know-how, transforms the unified water-absorbing heat-insulating layer of the conventional insulation, into small water-absorbing heat-insulating layers (1) which are sealed between them, with the reinforced concrete slab (3) of the terrace, with the balustrade of the terrace and with the external environment, having as result, the protection of the heat-insulation (the success of the insulation). It is water tightening, heat-insulating and simultaneously sealing, while its mass is water absorbant. It has a light weight (it does not affect the anti-seismicity of the building), it is practicable, heat-insulating, permeable (it respire) and fire-resistant. It is manufactured in 4 types, A, B, C/ GAMMA and D. <IMAGE>

IPC 1-7
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IPC 8 full level
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CPC (source: EP)
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