

Title (en)  
An Insulating Element

Title (de)  
Isolierelement

Title (fr)  
Un élément isolant

Publication  
**EP 2711479 A1 20140326 (EN)**

Application  
**EP 12184987 A 20120919**

Priority  
EP 12184987 A 20120919

Abstract (en)  
An insulating element 1 is used in filling a cavity 2 between an inner block course 3 and an outer course such as a brick course 4 of a cavity wall. The insulating element 1 comprises an insulation foam board 10 having inner and outer facings 11, 12 on a foam core 17. The outer facing 12 of the board is covered by a pre-formed cover 20 of a high impact resistant material such as HIPS (high impact resistant polystyrene). The impact resistant cover 20 has side overlap engagement portions 21, 22 on opposed sides thereof for engagement, on overlapping with corresponding side overlap portions 21, 22 of the cover of like insulating elements. The cover (including the flange 25) has an intumed portion 30 which extends over the upper end 15 of the foam board. The cover also has a downwardly projecting flange 31 extending beyond the lower end 16 of the insulating board. In use, the flange 31 overlaps with the cover at the upper end of an adjacent insulating element. The flange 31 has a plurality of spaced-apart slots 35 which are sized and shaped to facilitate passage of the flange over an arm 37 of a wall tie as illustrated particularly in Fig. 21. The intumed portion 30 of the cover 20 also has a plurality of spaced-apart recesses 38 which accommodate passage of a wall tie arm 37.

IPC 8 full level  
**E04C 2/20** (2006.01); **E04B 1/76** (2006.01); **E04B 1/80** (2006.01)

CPC (source: EP)  
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Citation (applicant)  
• GB 2436313 A 20070926 - KINGSPAN HOLDINGS [IE]  
• GB 2436313 B 20111026 - KINGSPAN HOLDINGS [IE]  
• GB 2478228 B 20111102 - KINGSPAN HOLDINGS [IE]

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