

ABSTRACT

The present invention relates to a composite foam-glass element, and in particular to a composite foam-glass-panel element, having at least one, and preferably a plurality of
5 foam-glass bodies

(2;12;22;32;42,42a,42b,42c,42d;52,52a,52b,52c;62,62a,62b,62c,62d;72;82;92;102;112;122;132;142;152;162;172;192;212;222;242;252;282,282a;292,292a;302,302a), and at least one reinforcing element

(3,4,5,6,9;19;23,24,25;33,34,35,36;43,44,46,50;54,56,60;66,69,70;73,74,75,76,77,78,7
10 9;83,85,86,87,88;93,94,95,96;103,106,109;113;123;133;143,145,146,148,149;153,154,155,156,157;163,164,165,166,168,169;173,174,175,176,177,178,179,180;193,194,195,196,197;203,204,205,206,207;213,214,215,216;223,224,225,226;246,249;253), which is arranged such that the one or more foam-glass bodies is or are subjected to compressive stressing, at least along one direction, by the at least one reinforcing element
15 and/or two or more foam-glass bodies are connected to one another by the at least one reinforcing element, and also relates to constructions made thereof and to methods for producing the same and the application thereof.

(Figure 1)