

THERMALLY CONDUCTIVE COMPOSITE ELEMENT BASED ON
EXPANDED GRAPHITE

ABSTRACT

The invention relates to a thermally conductive composite element for use, in particular, in a surface heating system or in a surface cooling system, comprising at least one main part which contains expanded graphite and comprising at least one flat textile structure which is arranged on at least one face of the main part. The at least one flat textile structure is connected to the main part via an inorganic adhesive.