

POLYURETHANE/POLYISOCYANURATE FOAM BLOCK OF A THERMAL INSULATION MASS OF A VESSEL, AND PREPARATION PROCESS THEREOF

Abstract

The invention relates to a fibrous polyurethane/polyisocyanurate foam block (20) in which the foam block comprises, along its thickness E, two peripheral regions, i.e. an upper peripheral region extending from the upper face of the block to the other, lower peripheral region extending from the lower face of the block, said two regions each representing no more than 20% of the thickness E of the block and being separated by an intermediate region; and the upper and lower peripheral regions have a fiber density $T_{f\text{sup.}}$ and $T_{f\text{inf.}}$, respectively, such that: $2/3 \leq T_{f\text{sup.}}/T_{f\text{inf.}} \leq 3/2$; and the fiber density $T_{f\text{int.}}$ in the intermediate region is lower than the densities in the peripheral regions, i.e.: $T_{f\text{int.}} < T_{f\text{sup.}}$ and $T_{f\text{int.}} < T_{f\text{inf.}}$.

Fig. 3