ABSTRACT

The invention relates to a sealed and thermally insulating wall for a tank intended for the storage of a liquefied gas, comprising:

a primary sealing membrane (6) comprising first corrugations (9) which are parallel to one another and second corrugations (10) which are parallel to one another, perpendicular to the first corrugations (9) and intersect the first corrugations (9) in node zones (36); the wall (1) comprising at least one reinforcing system (11) comprising first reinforcing elements (12) inside one of the first corrugations (9) and a second reinforcing element (13) which is positioned in line with the node zone (36) and extends into one of the second corrugations (10) on either side of the node zone (36), the first reinforcing elements (12) being profiled hollow elements and the second reinforcing element (13) having a solid cross section and being made of plywood.

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