TANK WALL COMPRISING A SEALING MEMBRANE HAVING A CORRUGATION WITH A REINFORCED CURVILINEAR PORTION

ABSTRACT

The invention concerns a tank wall (1) including a thermally insulating barrier (2) and a sealing membrane (3) resting on the thermally insulating barrier (2), the sealing membrane (3) including a corrugation having a curvilinear portion (36) developed in a curvilinear direction (d1) and at least one curvilinear reinforcement device (37) arranged inside the curvilinear portion (36), between the sealing membrane (3) and the thermally insulating barrier (2), in such a manner as to reinforce said curvilinear portion (36), said curvilinear reinforcement device (37) including a plurality of reinforcement sections (42, 43, 44) that each have a profiled shape developed in a rectilinear direction (d2, d3, d4), the curvilinear reinforcement device (37) further including a connection member (45) connecting said reinforcement sections (42, 43, 44) in such a manner as to keep them in a position in which the rectilinear direction (d2, d3, d4) of each of the reinforcement sections (42, 43, 44) is oriented tangentially to the curvilinear direction (d1).

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