

Abstract

The invention concerns a dome structure for a sealed and thermally-insulating tank, the dome structure including a horizontal lid and a lateral dome wall comprising a sealing membrane including at least one corrugation, the dome structure including at least one insulating block anchored against a lower face of the lid, said insulating block and the corrugation being, in projection in a horizontal plane, spaced by a first distance, an insulating lining including one or more lining elements, said insulating lining being adjacent to the lateral wall, placed against the lid and disposed between the insulating block and the lateral wall, the or each lining element having a thickness in a direction orthogonal to the lateral dome wall that is less than the first distance, a retaining plate being anchored to a lower surface of the insulating block and extending under the insulating lining.

Figure for the abstract: Fig. 16