# Abstract

## Title of the invention: Thermally insulating sealed tank

The invention relates to a sealed and thermally tank comprising a bottom wall (2) fixed to a supporting wall (1), the bottom wall (2) comprising:
a sealing membrane (3) comprising a plurality of welded corrugated metal sheets,
a thermally insulating barrier (4),
the sealing membrane (3) and the thermally insulating barrier (4) being interrupted in a singular zone by a window (7),
the tank comprising a hollow structure (15) inserted into the window (7), the hollow structure (15) being arranged through the thickness of the tank wall (2),
wherein the tank (71) comprises a metal closure plate (23), the metal closure plate (23) comprising an inner edge (24) welded all around the hollow structure (15), the metal closure plate (23) comprising an outer edge (25) placed under the sealing membrane (3) so as to form an overlap zone,
wherein the metal closure plate (23) is tightly welded with the sealing membrane (3) in the overlap zone, and the metal closure plate (23) is left free with respect to the thermally insulating barrier (4).

**Figure for the abstract: Fig.1**