

Sealed and thermally insulating tank for storing a fluid**ABSTRACT**

The invention relates to a sealed and thermally insulating tank for storing a fluid, said sealed tank comprising an outer support structure (1), a thermal insulating barrier (2) retained on the support structure (1), and a sealing barrier (3) supported by the thermal insulating barrier (2), the thermal insulating barrier (2) comprising a corner structure positioned at an intersection between a first and a second wall (6, 7) of the support structure (1), said corner structure comprising a first and a second insulating panel (18, 19), each having an outer surface positioned facing the support structure (1), an inner surface provided with a member (22) for securing the sealing membrane (3), and lateral edges (20, 21), the first panel (18) having an outer surface resting against the first wall (6) of the support structure (1) and a lateral edge (20) resting against the second wall (7) of the support structure (1), the second panel (19) having an outer surface resting against the second wall (7) of the support structure (1) and a lateral edge (21) resting against the outer surface of the first panel (18).

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