

Abstract

Sealing membrane for a sealed fluid storage tank

The invention relates to a sealing membrane for a sealed fluid storage tank, in which the sealing membrane comprises at least one metal plate (2), the metal plate (2) comprising a flat portion (3) defining a plane of the plate and a plurality of reliefs (4) protruding from the flat portion (3) in a thickness direction perpendicular to the plane of the plate, the reliefs (4) being spaced apart from one another, the plate comprising, in all directions of the plane, at least one relief, each relief (4) comprising a base (5) constituting the connection between the relief (4) and the flat portion (3), and comprising at least one vertex (6), the base (5) comprising, in the plane formed by the flat portion (3), a first dimension and a second dimension, and the distance between the vertex (6) and the base (5) in the thickness direction forming a height (9) of the relief, in which the height of the relief (4) is less than 20 mm, in which each relief (4) is spaced apart from an adjacent relief (4) in all directions of the plane by a distance less than or equal to 2 times the first dimension of the base (5), and the ratio of the first dimension of the base (5) to the height of the relief (4) is less than or equal to 2.

Figure for the abstract: Fig. 1