

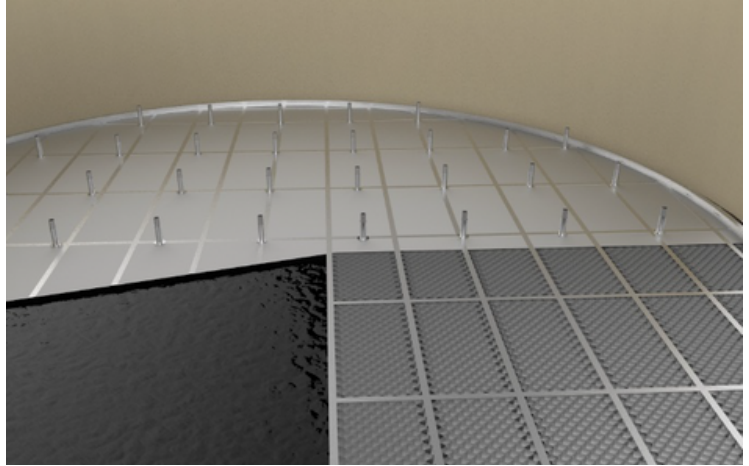
Storage Tank & Reservoir Equipment

Tank Contact: Internal Floating Roof - Full Contact (HC)

General Information:

The floating roof 'Full Contact' is a new approach to solve the problems of emissions. The full contact roof is in total contact with the product, completely eliminating the vapor layer according to API 19.2.

The roof is composed of individual modules of light panels 'honeycomb' type that join to form a floating screen in contact with the product. Each individual panel behaves as an independent floating component. The complete assembled structure is very strong, stable and safe for personnel access and meets the design requirements of API 650, Appendix H.



The roof is composed of main panels sized for easy assembly in the field, and special panels that fit around the perimeter, so the structure adapts to any type of tank diameter.

Characteristics and Advantages:

- The construction material is 100% aluminium, according to API 650 Appendix H.
- Its combination with an aluminium Geodetic Dome, provides maximum control in the loss of emissions as well as a maximum use of storage capacity.
- The materials are compatible with a wide range of stored products.
- Employs a single panel design. Each module is fully tested in the factory to verify the tightness of the vapours and can be individually inspected in the field.
- It does not use complex or dangerous material inside.
- It does not use supports that perforate the platform, either using cables or legs to support the roof. This reduces leakage losses from drilling at very low levels compared to traditional carbon steel screens.
- It is strong enough to withstand all sealing systems, including both primary and secondary metal seals.
- Light weight structure with exceptional strength, using patented construction techniques.

