



CTS10 SECONDARY SEAL

The CTS10 is a rim mounted secondary seal based on individual rubber elements in direct contact with the tank shell. The rubber elements have integrated springs ensuring that the seal element pushes with its tip against the tank shell. As the seal design has no complex moving parts it will not encounter problems as a result of corrosion or any other hazards affecting seal performance through time. The modular design also ensures easy installation. The tongue and groove connection between the rubber elements ensures a tight fit, shielding the tank contents from rainwater. As the seal elements are produced from an excellent rubber compound both vapour tightness, medium resistance as well as weather resistance are excellent.

CTS10 Product Features:

- excellent vapour tightness, resulting in maximum emission reduction, also eliminating the risk of rim fires
- compatible with all stored products, including 100% aromatics
- eliminating virtually all rain water ingress to the stored product
- fitting only horizontal roof rims, requiring no rim modifications
- maintenance free
- fast and simple installation
- full installation manuals and project support available
- can be installed while the tank remains in service
- complies with EPA and API standards
- successfully used globally by many major oil and tank storage companies
- can be used with welded tank shells
- can be combined with rim fire extinguishing systems either on top of the secondary seal or between both primary and secondary seal
- the seal can be overfilled without damage to the seal

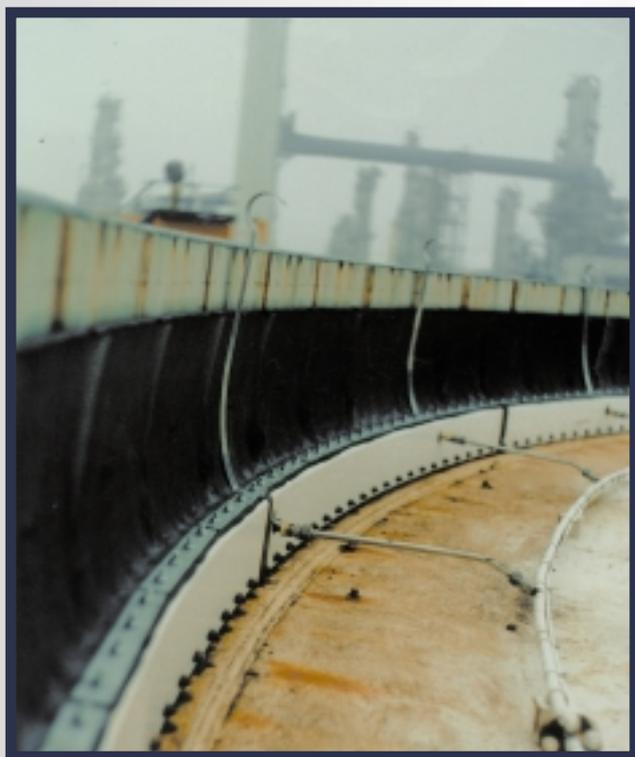


Installation:

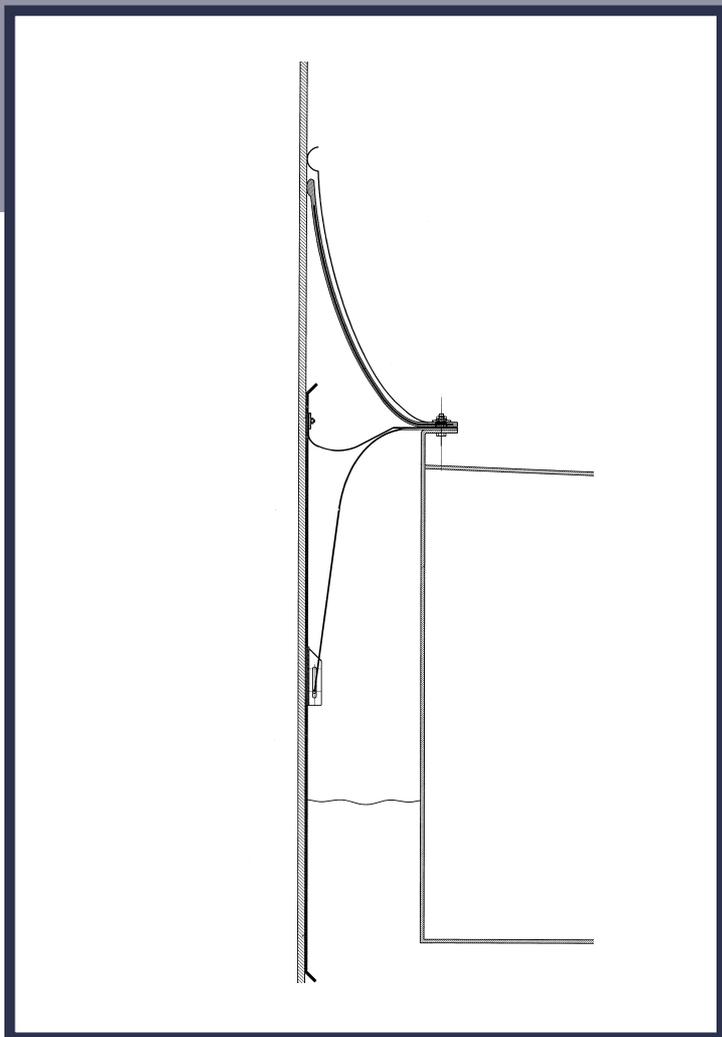
CTS is capable to install any tank seal on any tank, but our detailed drawings and installation manuals will give you the choice to have either your own staff or contractor staff installing the seal as well. The advantages of having your own (contractor) staff installing the system could be significant, reducing travelling and lodging costs. Experienced CTS supervision is available upon request.

Design and engineering:

A CTS10 seal is available in different configurations. The seal design is subject to change depending on the service requirements and actual tank conditions. CTS designs each individual seal for the tank it will be fitted on. We consider the rim gap, product properties, tank specifications and many other design aspects in this process. This eliminates the problems that arise when a standard seal is fitted. Our special tank inspection sheet will facilitate this engineering process. Delivery will include an as-built drawing for the seal.



CTS10 seal on rim extension with fire detection system.



CTS10 secondary seal covering a CTS1 mechanical shoe seal.

CTS, an introduction:

CTS is specialised in the design, manufacturing, supply and installation of products and systems used in the safe and effective transfer and storage of chemicals and hydrocarbons. The management and staff of CTS have an extensive and excellent track record in this industry, and is therefore excellently positioned in servicing your requirements in this area. We are located within minutes from the Port of Rotterdam (The Netherlands) and it is our dedication to support your requirements with respect to dome roofs, tank seals, internal floating roofs, floating suction lines, tank drain systems, composite hoses and many other products.



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