

# EWFM

## Tank Seal DL5 - External Tank Seal - Storage Tank Seals

### DESIGN DETAILS

The Double Compression Plate is based on the Compression Plate Seal.

The assembly of the seal could be from the top of the tank roof. The seal can be installed while the tank is in service as it doesn't need to be welded.

The seal can be adapted to the tank deformations since this is custom made.

The draw shows a skirt designed to be introduced in the stored product to reduce product losses.

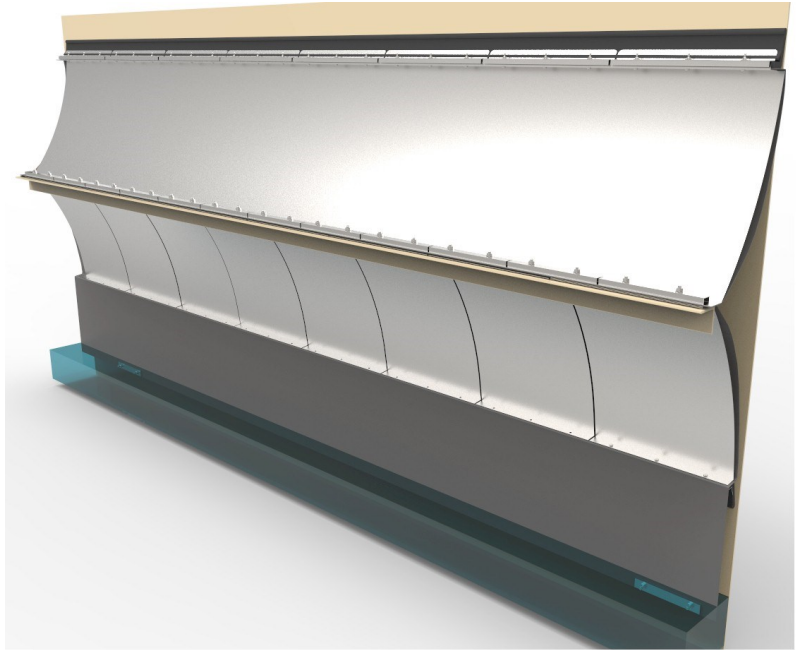
The vapour barrier membranes are normally manufactured from polyurethane-coated nylon fabric with very low vapour permeability properties. PVC Nitrile, PTFE/Teflon or Fireclose materials may be adopted depending of customers' requirements.

The seal design is such that all the fixings are on the outside of the seal; i.e. the tank shell side is completely smooth. The smooth outside surface of the seal ensures that the risk of damage is minimized if the roof is floating above the tank shell.

The seal can be fixed to either a vertical upstand or horizontal angle. The dimensions of the compression plate can be varied to suit a wide range of nominal rim spaces. The wiper maintains approximately 65 mm contact with the wall of annular spaces

### INSTALLATION

The CPL5 Secondary Seal can be easily installed with the tank in service as no hot work is required and the seal is simply bolted in position on top of the roof rim.



### TECHNICAL DATA

**Rim Space:** 200 mm  $\pm$  120 mm.

**Aromatic Service:** 100%

### MATERIAL SPECIFICATION

**Compression Plate:** 1.6mm Galvanised Steel

1.5 mm Stainless Steel

**Clamp Channels:** Galvanised or Stainless Steel

**Wiper:** Synthetic rubber, high tensile strength, good wear resistance, excellent weathering.

**Vapour Barrier:** Polyurethane, PTFE, SC

**Shunts:** Stainless Steel

**Typical Service Life :** 10-20 years