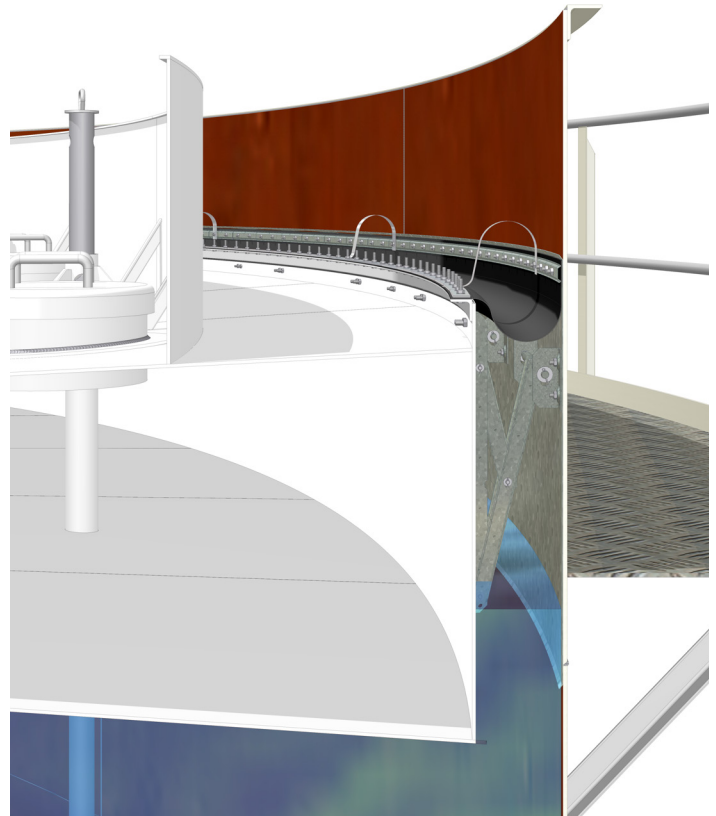
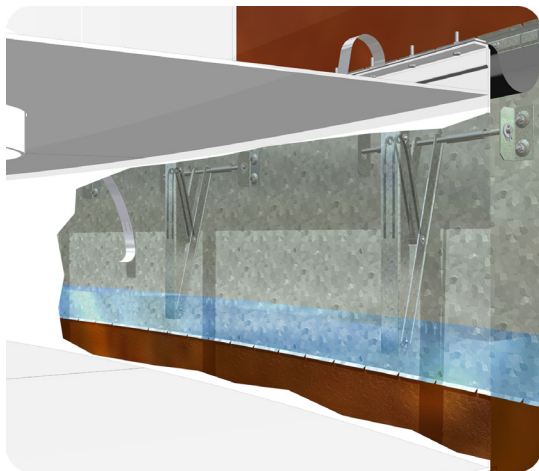


Section through roof



Seal Type	Primary Seal
Description	Mechanical Pantograph Shoe Seal.
Used On	External Floating Roof Tanks.
Rim Space	Nominal rim space of 200 ± 125mm (can be adapted to suit larger nominal rim spaces).
Service	Suitable for all products with correct material selection.
API 650 Compliant	Yes
Codres Compliant	Yes
Weight	22.5 Kg's/m. (Typical based on 200mm rim space)
Advantages	<p>Can be installed from top of pontoon roof.</p> <p>No hot work (welding) required during installation.</p> <p>Unique spring design to ensure optimum service life.</p> <p>Suitable for service with aggressive products.</p> <p>May be attached to either a vertical or horizontal fixing point.</p>
Disadvantages	<p>Not recommended for service on tanks with appreciable tank shell distortion.</p> <p>Unsuitable for tanks where shell coatings have been applied.</p>

Key Component Materials :-

1	Sealing Ring (Shoe Plates)	1.5mm Galvanised Steel or 1.2mm Stainless Steel
2	Rim Mounting Channels	Galvanised Steel or 300 Series Stainless Steel
3	Shoe Channel Arms	Galvanised Steel or 300 Series Stainless Steel
4	Pantograph Channels	Galvanised Steel or 300 Series Stainless Steel
5	V-Shape Flat Springs	T302 St.Steel
6	Intershoe Leaf Springs	T301 St.Steel
7	Spreader Rod Cleats	Galvanised Steel or 300 Series Stainless Steel
8	Spreader Rods	Galvanised Steel or 300 Series Stainless Steel
9	Clevis Pins	T303 St.Steel
10	Fabriclamps	Galvanised Steel or 300 Series Stainless Steel
11	Rim Clamp Bars	Carbon Steel with hot dip Galvanised coating or Stainless Steel
12	Continuous Seal	PVC Nitrile/Nylon, PTFE/Glass, Viton/Nylon or special "Fireshield" material
13	Shunts	Stainless Steel