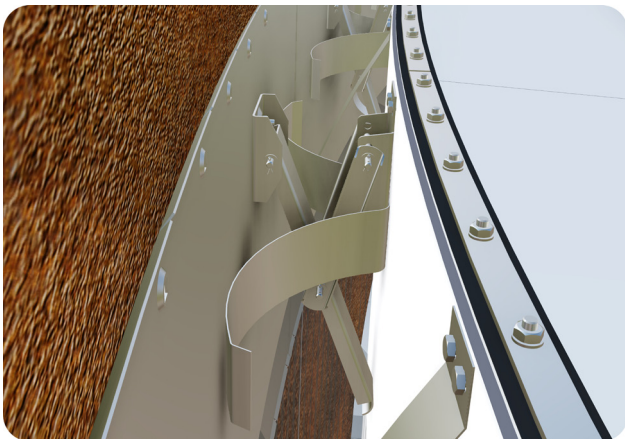
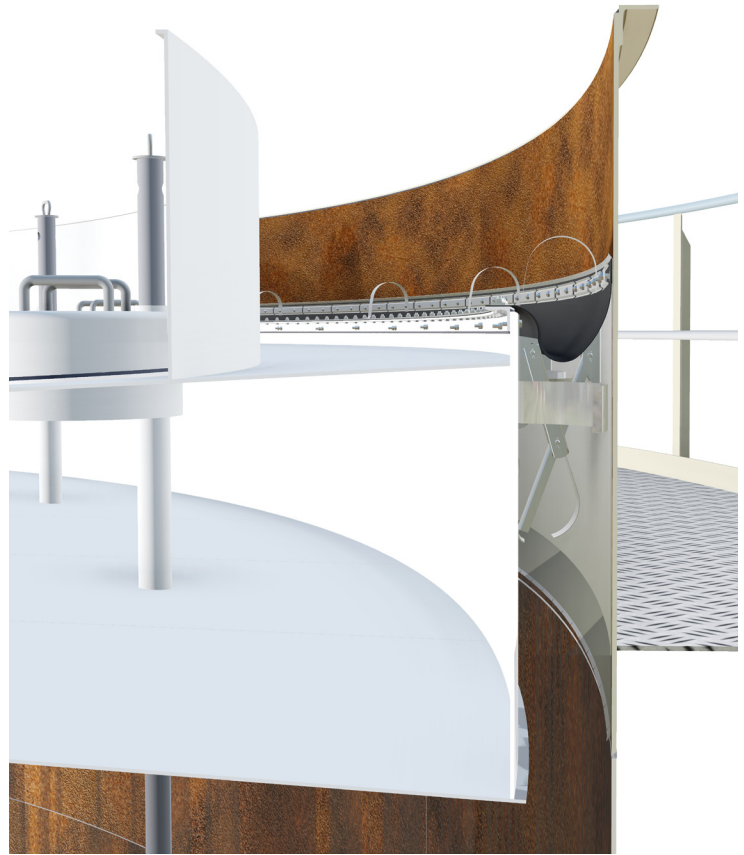


View from top (without continuous seal)



### Key Component Materials :-

|    |                            |   |
|----|----------------------------|---|
| 1  | Sealing Ring (Shoe Plates) | 1.5mm Galvanised Steel or 1.2mm Stainless Steel                             |
| 2  | Scissor Hangers            | Galvanised Steel or 300 Series Stainless Steel                              |
| 3  | Scissor Arms               | Galvanised Steel or 300 Series Stainless Steel                              |
| 4  | Shoe Hangers               | Galvanised Steel or 300 Series Stainless Steel                              |
| 5  | Pusher Springs             | T302 St.Steel   |
| 6  | Shoe Leaf Springs          | T301 St.Steel   |
| 7  | Shoe Cleats                | Galvanised Steel or 300 Series Stainless Steel                              |
| 8  | Clevis Pins                | T303 St.Steel   |
| 9  | Fabriclamps                | Galvanised Steel or 300 Series Stainless Steel                              |
| 10 | Rim Clamp Bars             | Carbon Steel with hot dip Galvanised coating or Stainless Steel             |
| 11 | Continuous Seal            | PVC Nitrile/Nylon, PTFE/Glass, Viton/Nylon or special "Fireshield" material |
| 12 | Shunts                     | Stainless Steel   |

|                   |  |
|-------------------|--|
| 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            | 19.5 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>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>  |