

EWFM

Tank Seal GVR - Internal Tank Seal - Storage Tank Seals

GENERAL INFORMATION

The Graver Primary Seal GVR ® can be used on either external floating roofs or internal pan decks.

This seal design has been used on tanks of long range of diameters, containing the full range of Crude and Refined products, though it is not generally used with Waxy Crudes.

DESIGN FEATURES

The seal is designed to enable installation and removal to be carried out from the top of the roof.

The sealing effect between the roof and the tank shell is achieved by the use of special octagonal foam sections.

The foam sections are held in position by an internal hold-down plate.

The position of the seal in service i.e. whether it is in contact with the stored product or, held above the stored product is determined by the top bolting position.

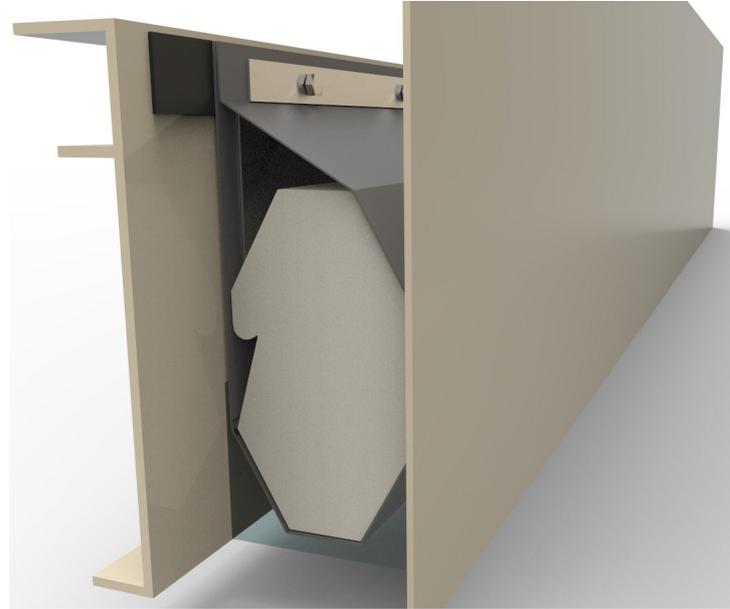
The hold-down plates and foam sections are encapsulated within a synthetic rubber seal-envelope. The seal envelope is produced from a highly abrasion-resistant coated fabric material to obtain an efficient soft sealing effect.

Weather shields can be installed as illustrated to help reduce the amount of rainwater entering the product, although in recent years it has proved more practically and economical to fit Secondary Seals.

When the Graver Foam Seal is product-mounted, i.e. installed with the stored liquid, the sealing efficiency is very high.

ACCESSORIES

Secondary Seals: All our secondary seal version of this design is also available.



TECHNICAL DATA

Rim Space: 200 ± 100mm.

Aromatic Service: 100%

MATERIAL SPECIFICATION

Compression Plate: Galvanised or Stainless Steel

Clamp Channels: Galvanised or Stainless Steel.

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

Vapour Barrier: Teflon/Fiberglass, Calcium Silicate, Urethane, Polyurethane.

Shunts: Stainless Steel

Typical Service Life: 10-20 years

Typical Weight: 15 kg per linear meter