



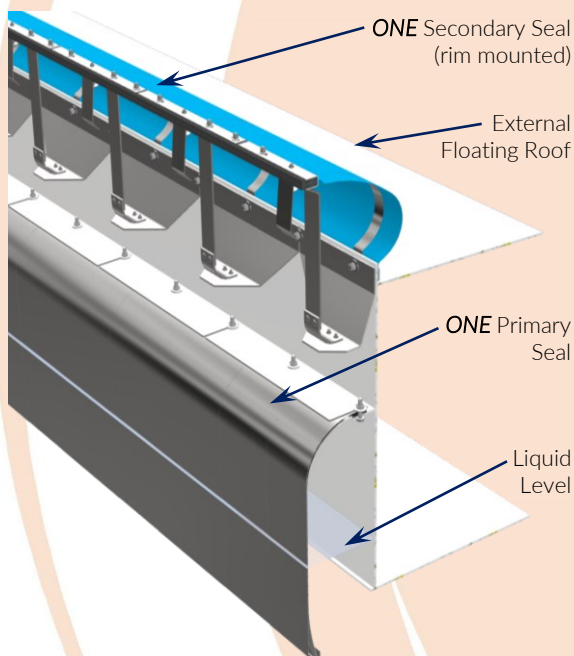
ONE Secondary Seal

Spring-Loaded Full-Contact Rim-Mounted Secondary Seal

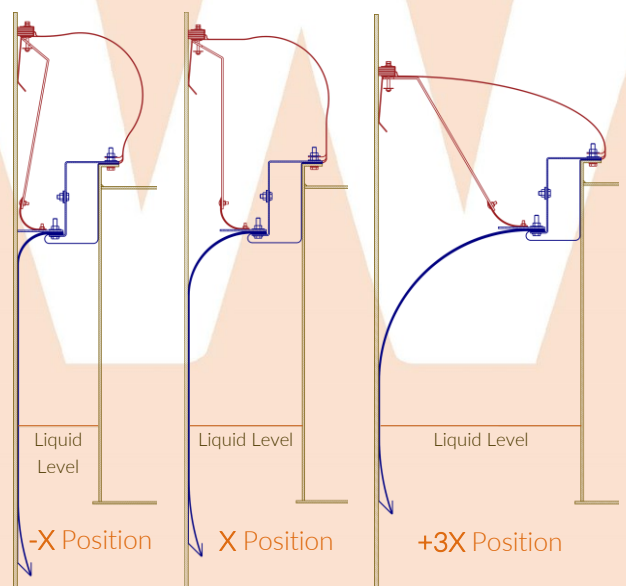
The ONE Secondary Sealing Tip consists of four overlapping layers. These multiple layers help to minimize ingress of rainwater and prevent air circulation in the vapor space below the ONE secondary seal.

In addition, since the ONE primary seal is mounted quite low inside the rim space, the rim space above the primary seal is used for the compression arm keeping the secondary sealing tip against the tank shell. As a result, the low-profile design supports available tank working capacity compared with higher secondary seal arrangements.

The arrangement of compression arms, membrane support and skids is designed to prevent flipping of the secondary seal during roof movement.



ONE Rim Seal in the different working range positions, ensuring full contact with the tank shell throughout the specified working range:





The ONE Secondary Seal is designed to maintain a circumferential, horizontally positioned sealing tip in contact with the tank shell throughout the specified working range.

Thus, exchange of atmosphere below the secondary seal and ingress of rainwater are significantly reduced.



Key Performance Features

- ✓ Spring-loaded full-contact rim-mounted secondary seal.
- ✓ Working range $R(-X/+3X)$ according to EEMUA Publication 159.
- ✓ Available working ranges:
 - ✓ $R(-60 / +180)$
 - ✓ $R(-70 / +210)$
 - ✓ $R(-80 / +240)$
 - ✓ $R(-100 / +300)$
 - ✓ $R(-120 / +360)$
- ✓ Tailored X-values to accommodate project-specific rim space conditions and tank shell out-of-roundness.
- ✓ Multi-layer sealing tip for reliable contact with the tank shell and compensation of shell irregularities.
- ✓ Designed to prevent air circulation in the vapor space below the secondary seal and minimize ingress of rainwater.
- ✓ Low-profile design to support available tank working capacity.
- ✓ Designed for installation on existing roof rim configurations without hot work on the floating roof rim.
- ✓ Compatible with ONE Primary Seal and applicable floating roof configurations.
- ✓ Supports compliance with applicable emission reduction requirements when properly selected, engineered and installed.
- ✓ Seal material selection according to climate conditions, stored product, chemical environment and operating conditions.
- ✓ Flame-retardant materials in compliance with DIN 22100 / DIN 22118.
- ✓ Electrically conductive material selection for dissipation of static electricity.
- ✓ Designed for low-maintenance operation and long service life under specified service conditions.
- ✓ Turnkey installation service available by WLI's qualified field service team.
- ✓ Short installation time.

Advanced Floating Roof Operation and Effective Emission Control