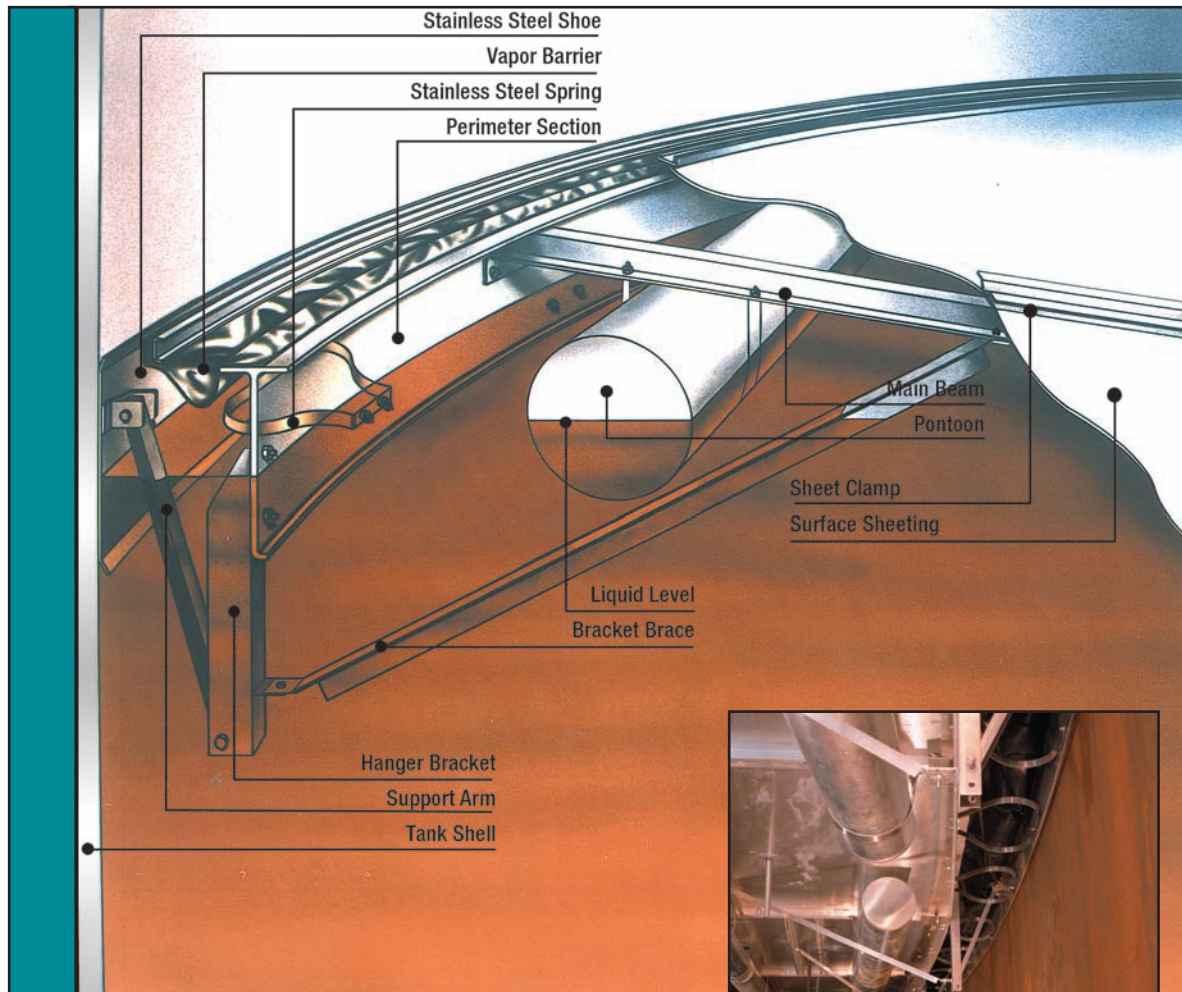


ALLENTECH MECHANICAL SHOE SEAL FOR ALUMINUM INTERNAL FLOATING ROOFS



The ALLENTECH stainless steel mechanical shoe seal is the only shoe seal specifically designed for aluminum internal floating roofs. The tightly spaced hoop springs exert a nearly constant force against the tank shell to maintain the seal even around peaked vertical seams and abrupt tank distortions. When compared to a double wiper seal, capacity loss is reduced by 6" (150mm). Thousands of installations throughout the world have eliminated seal compatibility and replacement issues for AST operators since 1992.

The stainless steel shoe and Teflon® vapor barrier offer superior performance, both from a mechanical and chemical resistance standpoint.

Protected by U.S. and Foreign Patents.



SUPERIOR SYSTEMS, UNSURPASSED SERVICE

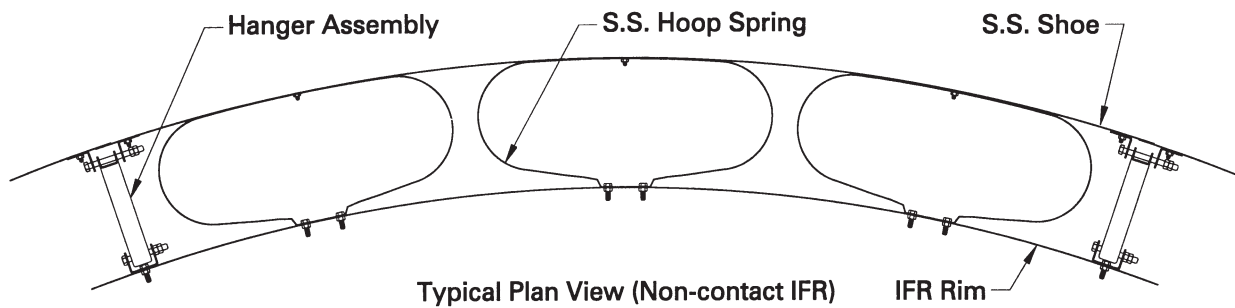
3184 AIRPORT ROAD, BETHLEHEM, PA 18017-2140

(610) 266-1330 • FAX: (610) 266-1331 • E-MAIL: sales@allentech.com

ALLENTECH SHOE SEAL FOR INTERNAL FLOATING ROOFS
DESIGNED FOR FLEXIBILITY AND LONG TERM VALUE

Feature	Benefits
S.S. studs welded to the shoes	No through holes that promote corrosion and increase shell friction.
Patented hoop springs	Maximum shoe movement without varying the spring pressure. Shoes press against the shell in a long line, eliminating point contact and wear.
Spring bolt securely to both the shoes and the IFR	Provides positive static bonding every two feet, <u>beneath</u> the liquid level.
Geometry carefully designed	Eliminates binding, excessive friction and high forces on the IFR.
Stainless steel shoe, aluminum brackets, Teflon vapor barrier	Compatible with most products. Fasteners are stainless steel or aluminum.
Each hanger is securely braced	Ensures stiffness and strength for out-of-round tanks.
Flexible design, parts in stock	ALLENTECH shoe seals are quickly retrofitted to all IFR brands.
Low profile, liquid mounted shoe	Maximizes storage volume. Complies with API and EPA requirements.

ALLENTECH is proud to be your partner in developing safe, cost effective products.



ALLENTECH's innovative, proven designs are accepted worldwide as superior components.
 ALLENTECH's expertise provides clear-cut solutions for all floating roof applications.