

# Trilateral SST

## Stainless Steel Underdrain



Trilateral SST is a superior stainless steel underdrain. Many customers have recognized stainless steel underdrains as the best in the marketplace; none of the material drawbacks of plastic underdrains and saves on the expense of concrete solutions. Stainless steel underdrains are ideal for biologically active filters.



### Verified Strength

Grout failure is a leading cause of underdrain failure. With the Trilateral SST, this is a thing of the past. Trilateral SST is mechanically secured to the filter floor, eliminating grout from the equation. The mechanical braces are checked and field verified to ensure pullout strength is met, guaranteeing a great lasting installation.



### 3D Media Retention

Roberts utilizes a custom designed “3D” louver to distribute backwash air and water. These slots are supported on 3 sides, preventing deformation over time from water pressure or something as simple as a contractor’s boot.



**Roberts Filter Group**  
Innovations for Generations

# Double The Thickness

The strength of the Trilateral SST doesn't stop with the mechanical fasteners. Roberts utilizes an industry leading 14-gauge stainless steel outer shell; literally double the thickness of some other competitors. This thick outer shell protects against unexpected pressure from pumps and water hammer.



# Sealed in Tight

Trilateral SST is seam welded around the complete exterior shell. This feature provides strength, prevents leaks, breaks, and media intrusion. Welded underdrains can fail due to a missed or incomplete spot weld, seam welding eliminates this all together.



# Roberts Filter Group

The Roberts Filter Group is the largest family-owned water filtration company in the U.S. with more than 4,400 installations across six continents. It is a fifth-generation operation that began with one of the world's first patented water filters and has continued to develop pioneering, high-quality filtration products ever since. Today, Roberts continues to work with some of the smartest companies and engineers on the planet to answer the industry's demand for customized, flexible solutions and efficient operations.



# Contact

For any inquiries, questions or commendations, please call our office or fill out the 'contact us' form on our website.

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