

# Spunstrand®

Now Offering Multiple Listed & Code  
Approved R-Values [ICC-ES ESR-1681]:  
**R-4, R-6, R-8, R-10, R-12**



*Designed For Use  
In Water Table*



*Custom Installation  
Under an Art Gallery*



*Factory Manifolled Taps  
Performing Arts Center*



*Custom Deep Buried Application  
Aquatic Center*



*Large Manifolded Sections Available  
Convention Center*



**S**punstrand® Inc. manufactures green duct in the Pacific Northwest that maximizes clean air flow, eliminates rust, mold growth and provides a more comfortable environment for building occupants. Spunstrand® Inc.'s underslab ductwork is available in standard sizes 2" diameter through 168" diameter.

Architects and engineers are designing many more open, high ceiling, energy saving designs by specifying green Spunstrand® Inc. duct under the slab. With our engineering services and a duct system that meets all aspects of the Uniform and International Mechanical Codes, carrying an ICC-ES listing to assure consistent quality manufacturing for long lasting duct. We help achieve your energy efficiency goals.



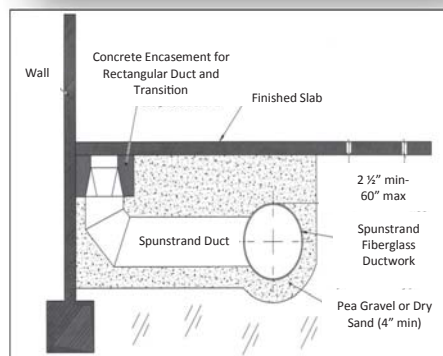
Spunstrand® Inc. underslab ductwork provides design professionals with the flexibility and convenience of removing above-ground HVAC duct requirements, freeing up valuable space in your building envelope.

### ICC APPROVAL LINK

[http://www.icc-es.org/reports/pdf\\_files//ESR-1681.pdf](http://www.icc-es.org/reports/pdf_files//ESR-1681.pdf)

### APPLICATIONS

Call today to discuss your unique application. Our in-house engineering expertise and our national representatives can team up with you to get your project done on time and within budget. Let's do it right the first time with our internet live design review and installation training. On site and factory training is also available.



### WHY SPUNSTRAND?

- First ICC-ES Listed Approved Composite
- 50 Year Track Record & History
- First LEED Credit Underslab
- R-4, R-6, R-8, R-10 & R-12 Insulated
- Water Tight and Corrosion Resistant
- Complete Design Service
- Internet & On-Site Training
- No Concrete Encasement w/Stand. Install
- Complete Line of Fittings
- Factory Manifold Assemblies

► Rectangular shaped register boots bonded to main trunk lines are recommended for applications where high water tables or corrosive soil conditions exist.

### SLAB on GRADE CUSTOMERS WE SERVE

- Banks
- Carbon Monoxide Exhaust
- Churches
- High Rise Construction
- Libraries
- Hotels
- Housing Projects
- Hospitals (HVAC & Garage Exhaust)
- Restaurants
- Schools / Gymnasiums
- Supermarkets
- Swimming Pools (HVAC & Heat Recovery Systems)
- Theaters / Auditoriums
- *If you can draw it, we can build it!*

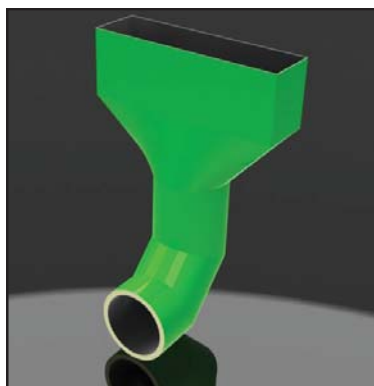


## REGISTER BOOTS

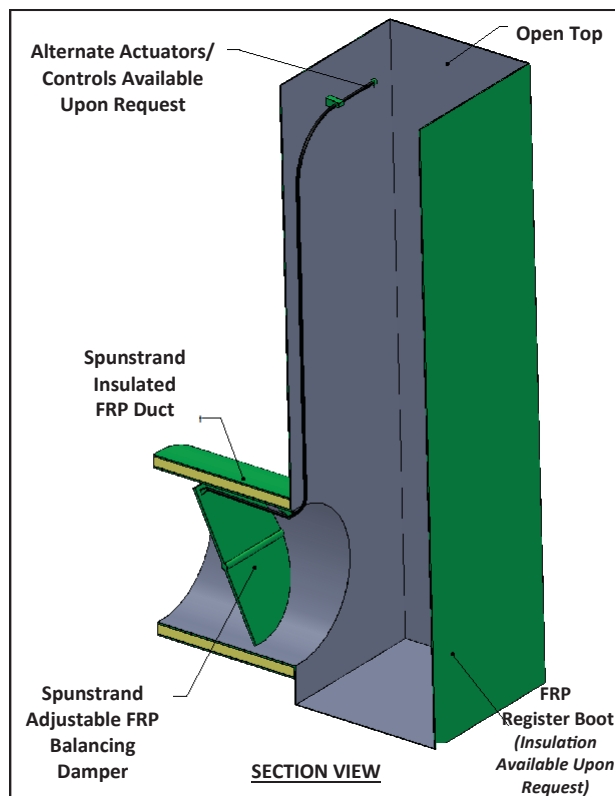
*When water-tight duct is not enough ...*

**Insure your system to be water-tight from the bottom of the trench to the top of the slab!**

Specify the register boots and plenums to be fiberglass reinforced plastic and part of your complete water-tight underslab HVAC system. Boots and plenums come in all standard and custom sizes. *Options for insulation or sound linings are also available.*



**Transition Type Boot**



**Register Boot Available With Damper**  
(As illustrated above)  
**Or Without Damper**

## UNDERSLAB DUCT SILENCERS

Fibersonic Silencers, designed and licensed by David P. Wilson Co., and manufactured by Spunstrand® Inc. for use in underslab duct systems. Tested for insertion loss, noise and pressure drop per ASTM E477 and ready for direct bury in a fiberglass water-tight underslab duct system. Deadens fan and air transmission sound at the source! For sound attenuation in extremely sensitive areas, we offer center-body style fiberglass silencers. These can be glassed directly into your water tight system. They can also be supplied with drain fittings and a sump box to protect against install or field challenges.



**Standard Sizes Available**



**Water-Tight Like the Duct**



**Spunstrand®**

**SAME  
GREAT  
PRODUCT!**

# ***New Standard Insulation Values!***

**R-4, R-6, R-8, R-10, R-12  
ICC Listed & Code Approved**

www.SPUNSTRAND.com  
208.777.7444

## **ICC-ES ESR-1681**

ICC APPROVAL LINK:

[http://www.icc-es.org/reports/pdf\\_files/ESR-1681.pdf](http://www.icc-es.org/reports/pdf_files/ESR-1681.pdf)

### **Spunstrand Duct:**

- Has a Class 1 Flame / Smoke Rating per Third Party ASTM E-84 Testing
- Utilizes Chemical Bonds to Join Like Materials (fiberglass to fiberglass) Instead of Mechanical Joints
- Carries 5 Different ICC Listed and Code Approved Insulation Values That Are Tested and Approved Based on Third Party ASTM C518 Testing: R-4, R-6, R-8, R-10 & R-12
- Is Made in the U.S.A. in North Idaho
- Utilizes a High Strength Non-Filled Resin System
- Has Superior Corrosion Resistance in Acidic / Basic Soils Compared With Filled Resin Systems

**Spunstrand Now Offers an ICC Listed & Code  
Approved Insulation Value Option  
For Everyone's Needs!**

**From Our Basic R-4 Up To Our Industry Leading R-12 ...  
*We Offer Insulated Underground Duct Work  
That Will Meet Your Needs!***



**WARNING:** This product can expose you to chemicals including benzene and formaldehyde, which are known to the State of California to cause cancer, and benzene which is known to the State of California to cause birth defects or other reproductive harm. For more information go to: [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).