

## Inside this issue:

Hartsfield-Jackson Airport	1
Tech Spec	1
Port of Miami	2
Product Highlight- Radius Slot Drain	2

## Hartsfield-Jackson Airport



After years of usage, the trench drains at Hartsfield-Jackson Airport in Atlanta were starting to fail. Eric's sons was selected by the GC, APAC Ballenger, to make the necessary repairs on the trench drain system. These repairs included demolition of existing drains, extensive structural reinforcement, and replacement of aircraft-rated trench drain system. Eric's sons completed this project on time and within budget.

When you need it done right from start to finish, you can count on Eric's sons.

The Dura-Trench product line utilizes an engineered design approach combined with the highest quality raw materials.

## TECH CORNER

### What is Compressive Strength?

The compressive strength is technically defined as the ability of a material to withstand a force that is pushing the molecules together. Typically, trench drains transfer loads from the grate through a rail, into a channel, and then into the concrete encapsulating the channel. In this transfer if one of the materials is not capable of handling this load then the material will fail and usually begin a downhill process of destroying the trench drain. Grates made of cast iron, metals, and some plastics have high compressive strengths. Avoid rails, grates, and channels made of soft plastics when loads will be transferred through them.



574C Industrial Way North  
Dallas, GA 30132

Phone: 770-505-6575  
Fax: 770-505-6110  
Email: info@eric-sons.com

www.trenchdrain.net

## DURA-TRENCH

**The Versatile Trench  
Drain System**

## PORT OF MIAMI



Eric'sons was awarded this project by Odebrecht Contractors of Miami. Our numbers looked good, but a lot of had to do with our expertise and experience as trench drain manufacturers and installers. This project is ongoing with about half of the almost 5,000' of trench drain installed. We are installing using our forming system. The frames are an extreme duty galvanized structural steel and the grates are slotted ductile iron with a four corner bolt down, both meeting Load Class E traffic (exceeds 200,000lb. wheel loads).

Recently Robert Finn, owner of Eric'sons and Florida Salesman Jason Caneer visited the site and met with Project Manager Alf Nuemann from Odebrecht who said we are doing a great job.

## PRODUCT HIGHLIGHT



## RADIUS SLOT DRAIN

The Dura Trench Radius Slot Drain is a modern advancement of the classic metal slot drain. We improved the interior making it ultra-smooth to increase flow rate, thus reducing debris build-up. Additionally, we anchored the top load-bearing flange into the concrete with concrete anchor studs to improve the durability against heavy traffic applications. The Dura Trench Radius Slot Drain also includes installation devices to aid in leveling, anchoring and aligning the slot drain. This insures that proper concrete consolidation under the slot drain is achieved. This system is offered in 4", 6", 8", 10", 12", 15", 18", 24", and 36" pipe widths.

Slot drain applications include parks, roads, fountains, aircraft parking aprons, loading docks, and industrial areas just to name a few. The low-profile, high-flow radius slot drain is a reliable and long-lasting linear drain option.

Proudly made in the USA