

POLYCAST®

APPLICATION PROFILE



POLYCAST® 3000 KEEPS AIRPORT TAXIWAYS DRAINED

POLYCAST® 3000 high capacity drain system was recently installed between an airplane hangar and a taxiway at Salem Airport in Salem, Oregon. There was 360 feet of the POLYCAST® 3000 drain system put in place.

Taxiways must have a drainage system that can quickly move large amounts of water from the surface. With a flow capacity of up to 3000 gallons per minute, POLYCAST® 3000 fit the bill perfectly. In fact, W. H. Pacific, the engineering firm for the project, chose POLYCAST® 3000 over a competing drainage system because of its greater drainage capacity and ease of installation.

Paul Stanley of Dalke Construction, the contractor for the project, said that the installation was quick and easy. He says, "Our workers had no problem installing the drain system, despite the fact that they had no previous experience with the product. It's a great system and we were really impressed with how easy it went in."

Not only does POLYCAST® 3000 have a great flow capacity, but it's also strong. Installed with cast iron grating, the drain system is able to withstand heavy traffic, including aircraft as large as the Boeing 737.

TECHNICAL DATA

Product:	Taxiway Drain System
Process:	Pultrusion
Materials:	POLYCAST® 3000 Series FRP channels, polyester resin Gray iron slotted grates with a proof load of 308 psi
Sizes:	8" wide at top (bulb shaped) x 8' long sections; 12.41" - 25.85" depths
For:	Salem Airport



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APPLICATION PROFILE PC-1603
SALEM AIRPORT DRAINAGE SYSTEM