

Incheon International Airport takes off with Polypipe

Polypipe International, working with HydroMax, has supplied the largest airport in South Korea with its proven **siphonic drainage system**.



Incheon airport serves 60M passengers per year



As the biggest airport in South Korea, and one of the busiest in the world, if Incheon International Airport didn't have perfectly performing drainage during heavy rainfall, the effect would be felt across Asia. Polypipe International and HydroMax were called upon to supply a siphonic drainage system across phase three of the new airport terminal construction.

Working closely with siphonic drainage partner, HydroMax, Polypipe supplied a siphonic drainage system to the project.

The HydroMax siphonic system provides a complete and proven way of removing large volumes of rainwater from roofs in a controlled manner. HydroMax siphonics

With Incheon Airport experiencing monsoon season for up the three months a year, it was essential that the siphonic drainage could be relied upon.

uses naturally induced siphonic principles to 'suck' rainwater from the roof into small diameter pipes, creating a flow capacity up to ten times greater than that of an equivalent gravity-fed system. This ensured that pipework could be installed horizontally, giving complete freedom in the design of the system.

The Incheon International Airport project is set for completion in early 2017.

CASE STUDY

Project

Incheon International Airport

Client

Heerim-Mooyoung-Gensler-Yungdo (HMGY) consortium

Application

Siphonics

Siphonic Roof System Installer

Steelife

Technical Distributor

Hydromax

Products

HydroMax Siphonics, FUZE HDPE

