



CASE STUDY

Suvarnabhumi Airport

GEOGRAPHICAL AREA:
Bangkok, Thailand

ISSUE:

Find a solution to provide longterm protection of the aluminum panels used in the air link bridges

SOLUTION:

Heat Shield[™] thermal insulation & corrosion prevention coating.

Coverage: 3-coats

RESULTS:

- ✓ Reducing Energy consumption to heat and cool the air link bridges
- ✓ Prevented condensation issues.
- ✓ Provided a mold resistant finish. Lowering Maintenance costs.

Award Winning Energy Saving and Asset Protection Coatings



When the new state of the art international airport in Bangkok, Thailand was being built, sustainability was a huge part of the building plan.

The new Terminal Complex, in Nong Ngu Hao, Samut Prakarn Province, has a total floor area of 500,000m² (5,381,955 SF), making it the largest airport in the world. Contractor H.R. Robertson supplied 11,530m² (124,108 SF) of Robertson Wall Panels in fluorocarbon painted aluminum and steel, which were used as roof and soffit claddings for the terminal building's aerobridges, including the double-decker aerobridges.

Heat Shield[™] Translucent PT insulation

coating was chosen as an innovative addition to the airport to reduce energy consumption and reduce condensation. It was coated onto all the Robertson wall panels to increase building energy efficiency and sustainability.

Heat Shield[™] PT also offered a low VOC coating and resistance to mold growth for improved air quality. This project was chosen in 2009 by the Journal of Architectural Coatings as a Top Green Global Project.