



BREAKTHROUGH PRODUCTS BASED ON BETTER TECHNOLOGY.

**Notes...**

Clear coating that protects from corrosion & insulates environmentally friendly, low VOC nanotech solution.

**NANSULATE® INSULATION & CORROSION CONTROL**

**Customer:**

H.H. Robertson Co. Ltd.

**Location:**

Suvarnabhumi Airport  
Bangkok, Thailand

**Product:**

Nansulate® Translucent PT



Technician applies Nansulate® Translucent PT to aluminum panels



Panels await transport to be incorporated into aerobridges of Suvarnabhumi Airport



The panels are used as roof and soffit claddings for the terminals aerobridges

**CASE STUDY**

**Nansulate® Translucent PT**

**ISSUE:**

Contractor H.H. Robertson was tasked with finding a way to provide long-term protection for the aluminum panels used in the air link bridges of the new state-of-the-art Suvarnabhumi International Airport in Bangkok Thailand. The Airport combines engineering and architecture to create one of the most unique, efficient and safest airports in the world, so any material used had to be environmentally friendly and in keeping with the goals of efficiency and sustainability.

**SOLUTION:**

**Nansulate® Translucent PT was chosen to coat the airway bridge panels, because it provided not only protection against corrosion and moisture, but also increased energy efficiency due to its unique ability to reduce heat loss/gain. Nansulate® PT also offered a low VOC coating, and resistance to mold growth, assisting in improved air quality.**

The Suvarnabhumi Airport weaves the beauty and strength of the past into the technology of the present. The main terminal is the largest single building in the world, with a total floor area of 563,000 m<sup>2</sup>. H.H. Robertson Supplied 11,530 m<sup>2</sup> of wall panels in fluorocarbon painted aluminum and steel, coated with Nansulate® Translucent PT, which were used as roof and soffit claddings for the terminal building's aerobridges, including the double-decker aerobridges.



**Industrial Nanotech, Inc.**

801 Laurel Oak Dr. Suite 702, Naples, FL 34108  
Phone: 1- 239-254-0346 Toll Free: 800-767-3998  
Email: [contact@nansulate.com](mailto:contact@nansulate.com)  
[www.industrial-nanotech.com](http://www.industrial-nanotech.com) and [www.nansulate.com](http://www.nansulate.com)



**BREAKTHROUGH PRODUCTS BASED ON BETTER TECHNOLOGY.**

**NANSULATE ADVANCED INDUSTRIAL PRODUCTS**



## HH ROBERTSON ASIA/PACIFIC GROUP

### HH Robertson (Thailand) Company Ltd

21/15 Soi Sukhumvit 24  
Klong Tan, Klong Toi,  
Bangkok 10110  
Tel 02 2041919  
Fax 02 258 9785  
Email [chrism@loxinfo.co.th](mailto:chrism@loxinfo.co.th)

14<sup>th</sup> January 2006

Bangkok Inegrated Trading Co., Ltd  
255 Town in Town, Soi Ladprao 94  
Lardparo Rd, Wangthonglang  
Bangkok 10310

Our reference HHR/T/CWM/2/01/2006

### H H Robertson select Nansulate™

Dear Sir,

We wish to confirm that H H Robertson selected **Nansulate™**, for the coating the ceiling panels supplied to the air link bridges, at Suvanabhumi International airport, Bangkok.

H H Roberston pride themselves on supplying quality prodcuts to the construction industry. This means they work with quality suppliers and after a long and extensive investigation selected Nansulate™ over all other coating systems, because it was the only product that met our stringent technical requirements. One of the key issues that induced H H Robertson to select Nansulate™, was that the suppliers were prepared to support the product with a warranty.

Yours faithfully,

Chris Moor  
General Manager  
H H Robertson (Thailand) Co., Ltd

**H H Robertson (Thailand) Co., Ltd.**  
บริษัท เคช เคช โรเบิร์ตสัน (ไทยแลนด์) จำกัด