



SIKA AT WORK AIRPORT PROJECTS

SIKA LIMITED (VIETNAM)

BUILDING TRUST



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I. TERMINAL 2_DA NANG INTERNATIONAL AIRPPORT

Owner: AHT
Main Contractor: HANCORP, Trial mixes in Dang Hai & DINCO
Designer/Consultant: CPG – PAE – ADCC
Period: 2015 – 2017

Project description:



Picture: Terminal 2, Da Nang International Airport is on construction

The terminal, expected to cost VND3.5 trillion (US\$158 million), is slated for completion by March 2017 before the 25th Asia-Pacific Economic Cooperation (APEC) forum to be held later that year. The 44,000sq.m, two-storey terminal, with a capacity of four million passengers a year, will exclusively serve international flights.

Sika solution:

Concrete

SikaPlast®-257

SikaPlast®-152

Refurbishment

SikagROUT®-214-11

Waterproofing

Sika Waterbar® V-20

Sikatop® Seal-107

Sikaproof® Membrane

Flooring

Sikafloor®-263 SL HC

Sikalastic®-8326

Sikalastic®-827 HT

Sikafloor®-161 HC



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II. TAN SON NHAT INTERNATIONAL AIRPORT

Owner: Southern Airport Corporation
Main Contractor: KTOM (Kajima – Taisei – Obayashi Corporation – Maeda)
Sub-contractor: IDI (Concrete), KSK (Flooring)
Designer/Consultant: Japanese Airport Consultant (JAC)
Period: 2004 - 2007

Project Description



Tan Son Nhat Airport under construction

New Tan Son Nhat International Airport, the largest international airport in Vietnam, was constructed in 2004 and opened in 2007. The new terminal gives the airport a total annual capacity of 15 –17 million passengers. Total investment capital approx. 3,300 billion VND (Japan ODA). Total area: 92,920 m².



Sika Solution:

Concrete Production:

Sikament®-2000 AT,
Sikament® NN
Plastiment®-96
Sigunit® L54 AF
Sikament®-163 EX
Antisol® E
Separol®

Concrete Repair & Protection:

Sika® MonoTop®-610
Sika® MonoTop® R
Sika® Latex
Intraplast® Z-HV

Waterproofing:

Sika Waterbar®
Sika® Hydrotite CJ-Type
SikaSwell® S-2

Flooring and Coating:

Sikafloor®-2420
Sikafloor®-2530
Sikafloor®-261
Sikafloor®-94

Grouting and Fixing:

Sikagrout®-212 -11
Sikagrout®-214 -11

Structural Strengthening:

Sikadur®-731

Others:

Thinner C

III. NOI BAI INTERNATIONAL AIRPORT TERMINAL 2

Owner: Airport Corporation of Vietnam (ACV)
Main Contractor: Taisei Vinaconex Joint-Venture
Designer/Consultant: Japanese Airport Consultan (JAC)
Period: 2012 - 2014

Project Description



Noibai International Airport under construction

Passenger Terminal T2 – Noibai International Airport includes four floors and one basement with total floor area of 139.216 m² including main building and 2 wings, designed to use large glass wall to get full of natural light and save daytime energy. Equipped with modern and synchronized aviation technology according to international standards, can accommodate a maximum passenger capacity of 10 million passengers a year for the first phase (up to 2020) and 15 million passengers a year for the 2nd phase (2020 – 2030).



Sika Solution:

Waterproofing:

Sikaplan®-1120-15HL
Sikalastic®-200 W
Sika Waterbar®
Sikadur® Combiflex

Concrete production:

Sikaplast®-257
Sikament® MP-H
Sika® Viscocrete®-2670
Sika® AER
Separol®
Antisol® S

Concrete repair and protection:

Sika® Latex
Sika® Monotop
Sikagard®-75 Epocem

Structure Protection

Sikagard®-62

Sealing and Bonding

Sikaflex Pro®-3 WF
Sika® Construction (AP)

Structural Strengthening:

Sikadur®-731
Sikadur®-732
Sikadur®-752

Flooring:

Sikafloor®-263 SL
Sikafloor®-81 Epocem

Grouting and Fixing

Sikagrout®-318 VN
Sikagrout®-214-11

IV. LIST OF PROJECT REFERENCE

PROJECT NAME	COUNTRY	PRODUCT APPLICATION
Cam Ranh International Airport	Vietna	Concrete Waterproofing Refurbishment Flooring Roofing Sealing and Bonding
Van Don International Airport	Vietnam	Concrete Waterproofing Refurbishment
Da Nang International Airport_New Terminal 2	Vietnam	Concrete Waterproofing Refurbishment Flooring Roofing
Cat Bi International Airport	Vietnam	Roofing Waterproofing Flooring
Phu Quoc International Airport	Vietnam	Sealing and Bonding Grouting
Vinh International Airport	Vietnam	Waterproofing
Suvarnabhumi Airport, Bangkok	Thailand	Roofing Waterproofing Other solutions(*)
Phuket Airport	Thailand	Flooring Roofingwaterproofing
Chengdu Jianbei Shuangliu Airport	China	Flooring
Chongqing Airport	China	Flooring Roofing Waterproofing
Shanghai Hongqiao Airport	China	Flooring Roofing/waterproofing
Guangzhou Baiyun Airport	China	Flooring Roofing Waterproofing

Hongkong Aiport Terminal 1, East Hall Extensions	Hongkong	Roofing Waterproofing
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(*): Other solutions include concrete admixtures, concrete repair and protection, steel structure corrosion protection, fire protection, sealing, elastic bonding, grouting and fixing, structural bonding, etc..



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