

# Kuala Lumpur International Airport II Sepang

## Project Name

Kuala Lumpur International Airport II, Sepang  
Vinyl floor & PANDOMO Terrazz Micro Installation

## Installer/General Contractor

Vinyl floor installation:  
Tian Cern Trading (M) Sdn Bhd

PANDOMO Terrazz Micro installation:  
DESIGNER FINISH (Malaysia) SDN BHD

## Architects

Vinyl floor installation:  
A. Hanapiah Architect

PANDOMO Terrazz Micro installation:  
HL DESIGN GROUP

## Featured Products

Vinyl floor installation:

ARDEX CL11

ARDEX FEATHER FINISH

ARDEX P 51

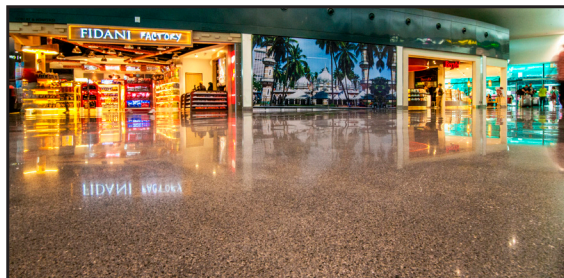
PANDOMO Terrazz Micro installation:

Unbonded screed – PANDOMO ATS 50 to 75 mm thick

Finished Layer - Terrazzo Micro Black 10 to 12 mm thick



International Projects &  
Specification Services



## Challenge

- Large scale of work with many trades working at the same time
- As little as one-week notice for next installation
- Multiple installations
  - PANDOMO 4000 m<sup>2</sup>*
  - 80,000 m<sup>2</sup> Rubber Floor underlayment*
  - Customs area, boarding area's walkway, bridge – Sector 1,3,4,5,6,7,8*
- Complex two-year construction schedule

## Situation

It is normal in Malaysia to find concrete substrates badly leveled with numerous cracks and a very porous surface. The pump which the contractor provided was insufficient for the scope of the job. The short notifications caused ARDEX Singapore to rush both production and delivery for each order. Often damage to the CL11 by other trades was found, as much as 5 mm deep in areas of 50 to 100 m<sup>2</sup>.

## Solution

ARDEX P 51 was recommended to ensure minimize air bubbles and seal porous surface. ARDEX CL11 was installed, allowing rubber floor underlayment material to be placed in just one to two days compared to three to five days required for local self-leveling material.

ARDEX FEATHER FINISH was used to patch damage caused by other trades. Combined with the speed of ARDEX CL11, these products significantly reduced installation time.

ARDEX ATS unbonded screed was used for levelling the subfloor without directly contacting the concrete surface, reducing costs and time required for proper subfloor preparation.

ARDEX Singapore worked closely with the applicator and successfully ensured on-time delivery, consistent quality products during the installation period. As many as 50 men completed the entire job in only five months.

For additional information, please contact [ipss@ardexamericas.com](mailto:ipss@ardexamericas.com)

ARDEX International Projects and  
Specification Services Program

ARD 2208 (01/2015)



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