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

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 m²
  - 80,000 m² 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 m².

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