



Forward thinking design

SAS International's acoustic control solutions help make Dublin Airport's new Terminal 2 a more inviting space for passengers



SAS International designed and manufactured a range of solutions for the new 75,000sqm Terminal 2 at Dublin Airport, Ireland. The new terminal will be capable of comfortably handling up to 15 million passengers per year, and the building has been designed with passenger needs in mind making maximum use of daylight to create bright and airy spaces for a calm and relaxing atmosphere.

An airport terminal is designed to provide a pleasant environment for passengers arriving from around the World and ultimately ease passenger flow throughout the building. Acoustic control is a

major consideration within these vast open spaces and an essential consideration for traveller and worker comfort.

Specification for the new Terminal 2 building at Dublin Airport demanded that durability, ease of maintenance and acoustics were considered. SAS International worked with architects Pascall + Watson to design the ceiling solution answering the architect's brief to factor in on-going maintenance conducted by Facilities Management teams in the future. The design of these large sized ceiling panels required careful consideration at design stage to ensure they would be manageable when working at a height.

The fit out followed closely behind the shell and core works with an aggressive programme timeline. For 'fast track' construction offsite prefabrication of many components was developed to provide cost and quality enhancements, but importantly the programme advantages this also brought.

Designed and developed specifically for Dublin Airport was 35,000sqm of Drop & Slide ceiling systems, installed in the main departure area, walkways and baggage handling areas. This solution looks like any other suspended metal ceiling system as it provides an aesthetically pleasing flush finish, but where this product differs is its ingenious way of allowing access

to the ceiling void and services for on-going essential maintenance. This is of particular benefit in high traffic areas such as Dublin airport as it enables a corridor to remain in use rather than having to close off the entire route.

SAS International manufactured the 20,000sqm of large aluminium frames for the fabric ceilings which creates a striking central feature. Working closely with SAS International were local installers Platt and Reilly who applied the stretched fabric to the frames onsite and hoisted them into position.

Creating a comfortable environment for travellers and workers was helped with the use of acoustic floating rafts and perforated metal ceiling solutions (with integrated acoustic pads) to

provide the necessary acoustic control for this project. Lighting was suspended neatly between the rafts to also provide a modern finish to the corridors. In addition perimeter heating and air handling grilles also enhance the experience.

Widely known as one of the world's leading manufacturers of interior building solutions, SAS International has an established reputation for its innovative approach, outstanding service and value. The quality of manufacture and finishing ensures the company generates products of outstanding durability, offering low maintenance solutions with a life-span in excess of 25 years. ■

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