



Asuncion retail store energy storage

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Supermercado Superseis Jap?n is a commercial retail development located in the San Vicente district of Asunci?n, Paraguay. It was developed by Retail S.A. and their subsidiary, Superseis, a premium supermarket chain with 25 locations across Paraguay. The chain has set itself up to be a pioneer for sustainability and renewable energy solutions in the retail sector in the country. Superseis Jap?n with its focus on energy-saving technologies and efficient use of water was designed to serve as a blueprint for future projects for the entire Superseis chain.

Through the use of energy-efficient solutions such as reflective paint and insulation for roofs and external walls, more energy efficient glassing and AC systems, solar hot water collectors, rainwater harvesting, LED lightbulbs and water-efficient plumbing features, the project was able to significantly reduce its energy and water consumption, resulting in a more sustainable construction project and a reduced carbon footprint.

Supermercado Superseis Jap?n has received Final EDGE Certification from Green Business Certification Inc. (GBCI).

Less Embodied Energy in Materials

Reduced window to wall ratio, reflective paint/tiles and insulation for roofs, reflective paint and insulation for external walls, external shading devices, low-E coated glass, air conditioning with air-cooled screw chiller, energy-saving light bulbs for sales areas, common areas and external areas, higher efficiency refrigerated cases, and solar hot water collectors.

Efficient flush for water closets, water-efficient urinals, aerators for faucets with auto shut-off, water low-flow faucets for kitchen sinks, water-efficient landscaping and a rainwater harvesting system.

Hollow core precast slab for floor and roof construction, steel-clad sandwich panel for roof construction, plasterboards on metal studs and ferrocement wall panels for internal walls, and aluminum window frames.

instagram /supermercados_superseis

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As part of the luxury shopping mall Paseo La Galeria, Danfoss has supplied a refrigeration control system for the supermarket "Superspies", and systems management for better energy efficiency in the food refrigeration application.

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