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03 January 2017

**Safety and comfort in escalators and moving walkways transporting  
6 thousand people in an hour**

**Mitsubishi Electric Creates Difference at Capacity Mall**

***Capacity Mall, a popular shopping and life centre at Bakırköy distinguished for its powerful brand mix, original architecture and different style, preferred world giant Mitsubishi Electric for its elevator, escalator and moving walkway systems. The escalators and moving walkways which are capable of transporting 6 thousand people in an hour thanks to the speed of 0.5 m/sec ensure high travelling comfort with high level safety precautions.***

Distinguished as the manufacturer of the fastest elevators and the first and only spiral escalator in the world, Mitsubishi Electric designs high tech, high speed, comfortable and safe elevator and escalator systems with high energy efficiency. Providing added value to various prestigious projects in Turkey, Mitsubishi Electric has supplied elevator,



escalator and moving walkway systems for Capacity Mall, which is one of the largest malls in Bakırköy with its footfall of 22 million a year.

As Capacity Mall endeavours to enable its visitors to have a high quality and safe shopping experience in a peaceful and comfortable environment with its customer oriented philosophy, it has contracted with Mitsubishi Electric for its elevator, escalator and moving walkway systems in order to ensure high level of passenger safety, speed and maximum comfort. There are 15 elevators, 26 escalators and 8 moving walkways at Capacity Mall, all of which have been supplied by Mitsubishi Electric for optimum comfort and safety.

### **Escalators transporting 6 thousand people in an hour...**

Located on a surface area of 155 thousand sqm, Capacity Mall is equipped with 26 escalators ranging from 5220 mm to 5040 mm, 4500 mm, 3240 mm, 3060 mm and 2530 mm in height supplied by Mitsubishi Electric which is acknowledged for its high technology and travelling comfort in addition to product, service and maintenance quality. Coming with the capacity to transport 6 thousand people in an hour, escalators have a speed of 0.5 m/sec. The stairs which are made of glass in side sections and Hairline stainless steel in lower section have an angle of 30 degrees.



### **High level safety for escalators**

The project is distinguished for high level of passenger safety which is of utmost importance for Mitsubishi Electric. The escalators come with long lasting stainless steel plates instead of flat aluminium plates to prevent passengers from slipping. The safety switch in the skirting board stops the escalator in case shoes or any other items belonging to passengers get stuck between the stair and skirting board. Stair chain

safety equipment stops the escalator if the stair chain gets elongated or broken. Furthermore, all escalators are equipped with emergency stop buttons to be used in case of necessity.

Drive chain safety equipment stops the engine while the main drive brake stops the movement of stairs in case the drive chain is broken. Escalator speed control mechanism assembled on the inlet shaft of the drive mechanism stops the movement of the stairs if the escalator moves very fast or slowly. Also, it prevents escalators from moving in the opposite direction of its own accord. The yellow boundary on the rear side and yellow safety lines on both sides make it possible to differentiate each step to get on and off the escalator easily and safely. Inlet protectors made of flexible rubber prevent fingers from getting stuck as the handrails move, making the escalators safe for children as well.



### **Silent and non-vibrating moving walkways that move half meter a second**

Mitsubishi Electric supplied 4500 mm, 3240 mm 3060 mm and 2530 mm high moving walkways with the capacity of transporting 6 thousand people in an hour for Capacity Mall. Moving with a speed of 0.5 m/sec, the moving walkways have an angle of 12 degrees. Coated with Hairline stainless steel on both sides and the rear part, the comb section of moving walkways are made of reinforced aluminium alloy. The tooth width of each comb has been designed as 3.2 mm to promote durability.

Moving walkways are made of stainless steel ground plates with patterns to prevent passengers from slipping instead of flat aluminium plates. Pallets, on the other hand, are made of reinforced aluminium alloy. Thus, moving walkways at Capacity Mall ensure high level travelling comfort with silent and non-vibrating operations.

### **About Mitsubishi Electric Corporation**

*With over 90 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Embracing the spirit of its corporate statement, Changes for the Better, and its environmental statement, Eco Changes, Mitsubishi Electric endeavours to be a global, leading green company, enriching society with technology. The company recorded consolidated group sales of 4,394.3 billion yen (US\$ 38.8 billion\*) in the fiscal year ended March 31, 2016. For more information visit: [www.MitsubishiElectric.com](http://www.MitsubishiElectric.com)*

*\* At an exchange rate of 113 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2016.*

### **About Mitsubishi Electric Turkey Operations**

*Mitsubishi Electric concentrates on sales and after-sales services for HVAC systems, factory automation systems, CNC-Mechatronics systems and advanced robot technologies in Turkey. In addition, the company provides support for satellite, elevator, visual data systems, power sources and transportation-based infrastructure projects. Mitsubishi Electric, the acknowledged manufacturer of Turksat 4A and 4B satellites contributing to communication and broadcasting infrastructure of Turkey and neighbouring countries, is also recognized for the automation technology used for Marmaray project. Having incorporated a company for development and manufacturing of room air-conditioners in Turkey in April 2016, Mitsubishi Electric intends to start manufacturing operations in Manisa plant by January 2018. For more information visit: [www.mitsubishielectric.com.tr](http://www.mitsubishielectric.com.tr)*

### **About Mitsubishi Electric's Elevator and Escalator Business**

*Mitsubishi Electric develops high speed, comfortable and safe elevators with high energy efficiency thanks to its high technology. The manufacturer of the sole spiral escalator in the world, Mitsubishi Electric is also a recognized world leader in vertical transportation business. The brand manufactures a wide range of products from standard models to spiral escalators. Offering high tech services in various countries globally, Mitsubishi Electric has also developed the world's fastest elevators (20.5 m per second) for 632 m high Shanghai Tower project in China.*