

Aga Khan Award for Architecture

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WINNING PROJECTS

### **Ipekyol Textile Factory**

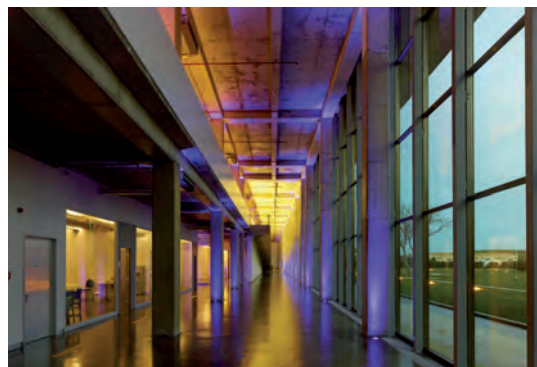
Edirne, Turkey

*Architect:* EAA - Emre Arolat Architects

*Client:* Ipekyol Giyim Sanayi

### **Project Description**

The Ipekyol factory, a custom-designed facility for a manufacturer of high-quality textiles, represents a successful collaboration between a client and an architect in developing a spatial strategy that integrates production goals with the well-being of employees. Key design objectives focused on a single U-shaped volume that makes full use of the site as well as the use of local materials, reduced energy use, and enhanced thermal performance. The architect responded with a single, large structure where administration and production spaces were integrated under one roof, breaking down hierarchies between front- and back-of-house functions. The form of the building conveys its function, its U-shape responding to the demands of the production line, from inception to the packaging and dispatch of the garments. The glazed southern facade, five internal courtyards, as well as gardens and light wells give each user access to natural light and views of nature, and the spaces also provide recreational areas for the workers.



## Jury Citation

“The intelligent and imaginative design and engineering of the Ipekyol Textile Factory make it a role model of an efficient and pleasant working environment for any industry, and exceptionally so for the textile industry where such qualities are rare.



“The building combines functional efficiency with humanity to the commercial advantage of the client. Made mostly from local materials, it sits lightly on its plot. The high ceilings and internal courtyards maximise the flow of daylight and encourage natural ventilation, making the work spaces more agreeable as well as reducing energy usage and improving thermal performance. Water is collected from the roof and drained into the local system, but may eventually be recycled for use by the factory. Production and administration are housed within the same building, and are visible to each other, improving internal communications and fostering team spirit.



“At a time when the Muslim world is industrialising rapidly, and many countries, including Turkey, need to develop higher quality products to counter rising labour costs, the Ipekyol Textile Factory demonstrates how enlightened design can create a replicable blueprint of a cleaner, safer, more efficient workplace that can also achieve higher productivity and profitability.”

## Project Data

<i>Client</i>	Ipekyol Giyim Sanayi; Yalçın Ayaydın, Chairman, Turkey
<i>Architect</i>	EAA - Emre Arolat Architects; Emre Arolat, Turkey  Gonca Paşolar, Eda Yazkurt, Ertuğrul Morcol, Meltem Emden, Ekin Erik, Gulseren Gerede Tecim, project team, Turkey
<i>Contractor and structural engineer</i>	Turin Turizm İnşaat ve Ticaret A.Ş.; Semih Cetin, Chairman, Turkey
<i>Mechanical engineer</i>	Toptas Mekanik Tesisat Sanayi; Ali Toptas, Chairman, Turkey
<i>Electrical engineer</i>	Truva Elektrik Makine Ltd. Şti.; Hüseyin Ors, Chairman, Turkey

<i>Built area</i>	20,000 m <sup>2</sup>
<i>Cost</i>	US\$ 16.5 million
<i>Commission</i>	2004
<i>Design</i>	2004-2005
<i>Construction</i>	2005-2006
<i>Occupancy</i>	2006
<i>Website</i>	<a href="http://www.emrearolat.com">www.emrearolat.com</a>

### ***EAA - Emre Arolat Architects***

EAA - Emre Arolat Architects was founded in May 2004 by Emre Arolat and Gonca Paşolar in Istanbul—a continuation of Emre Arolat’s architectural practices that started when he joined Arolat Architects as an Associate Designer in 1987. EAA - Emre Arolat Architects has a wide range of projects and a professional architectural staff in two different offices in Istanbul. The other partners in the practice are Neşet Arolat, Şaziment Arolat, Kerem Piker and Sezer Bahtiyar. Emre Arolat was born in Ankara in 1963 and received his bachelor’s and

master’s degrees in Architecture at Mimar Sinan University (1986 and 1992). He worked as an Assistant Architect at Metcalf and Associates Architectural Office in Washington D.C. between 1986 and 1987, and as an Associate Designer and Senior Partner at Arolat Architects (1987 to 2004). In addition to his architectural practice, he has taught architectural design studios and served on project juries at several universities in Turkey.

