



The
technological
solutions



Professional Vision

Ircon Design Bureau has focused its professional development in the area of design and consulting services for the investment realization of complex projects for industrial and public use. Our projects are based on engineering approach and integral process management.

We rely on highly qualified team of professionals, who have proven their skills in the long run. We at Ircon concentrate our efforts and address our activities entirely to Customer's support, while respecting moral standards and public regulations and implementing responsible professional behavior to the surrounding natural and social environment.

The main driving force in our business is the knowledge acquired through the sound professional tradition, scientific approach and modern computer technologies. We believe that striving for perfection is an endless source of energy and creativity.

Team

A highlight of Ircon projects is achieving interdependence and complexity of the offered architectural, structural and engineering solutions. Ircon Design Bureau operates with permanent staff and relies on the creativity of each employee. We work continuously to improve our professional skills and acquire new knowledge, as well as establish a well-balanced working environment for our staff.

Ircon has a permanent staff of major subject matter experts involved in the investment projects and cooperates with a selected number of prominent partners and reliable suppliers.

The Ircon team has successfully developed, implemented and certified ISO 9001:2008 Quality Management System.

Experience and specialization. Software and technologies

Ircon Ltd. is a bureau for complex design and engineering consultancy business specializing in projects of industrial and public use, steel constructions, infrastructure, engineering facilities and facade engineering. Our expertise includes:

- ✓ Projects of public and commercial use
- ✓ Industrial installations and industrial projects
- ✓ Engineering facilities and bridges
- ✓ Detailed design and CAD CAM technologies
- ✓ Facade engineering

In this presentation, Ircon Design Bureau would like to share with you, our present and future customers, its 17 years of experience in the realization of a great number of projects, both in the country and abroad.

Ircon strives to look far into the future, relying on the use of the most modern computer technologies towards its goal to offer a comprehensive and high quality expertise and consulting services. In order to realize our ideas in the field of investment projects in an effective and comprehensive manner, we use integral software environment for conceptual, technical and detailed design known as BIM (Building Information Model). Working with BIM enables us develop our projects in a virtual computer environment and synchronize all systems of the buildings or facilities that we design. Employing BIM enables us to perform an integral management of the processes related to designing, planning, production management, installation and construction, as well as to ensure the proper operation and maintenance of our projects. Using BIM makes Ircon's projects convertible and applicable worldwide. Our detailed design of steel constructions is the best developed branch employing BIM. It is based on the CAD technologies and has a CAM orientation to steel construction manufacturers.



Team



Facade engineering

Ircon has an extensive experience in designing and building various systems, for facades and roofs. The experience and knowledge gained in this area through design, manufacture, delivery and installation is embedded in Facade Engineering branch. Ircon offers jointly or individually services, such as manufacture and installation of steel or aluminum facade constructions; design, delivery and assembly of sandwich panels; engineering in the area of roof lighting, smoke out, aluminum facade elements and assembling parts. The engineering approach and the engineering process management, which we offer are a guarantee to achieve high quality and compliance with the budget. The experience gained and the reference projects realized are a proof of our knowledge, skills and professionalism.



Facade engineering

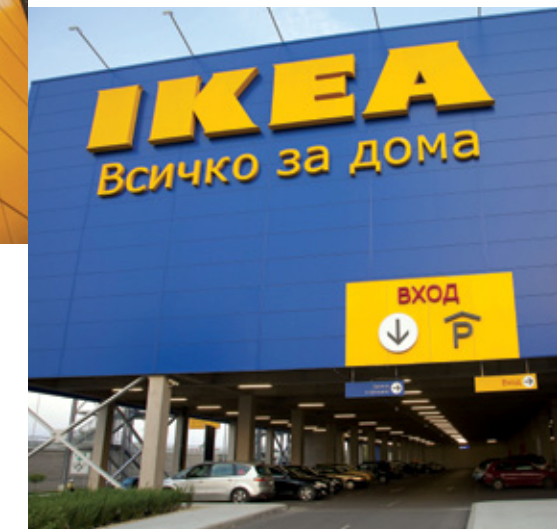
Situated on 66 000 m², with an area of 72 300 m², the Mall is one of the largest shopping centers in the capital and in Bulgaria. Located on Tzarigradsko chaussee blvd. it has become a symbol of Sofia's renovation and an example of successful implementation of effective and efficient solutions for facade systems. In 2009 Ircon realized the complete engineering of the thick facades of the building, thus covering the design, supply and installation of the steel structure and sandwich panels with mineral wool insulation. The total area of the realized facades accounts to 8 450 m². The building was awarded at the „Building of the Year“ competition for 2010 in the category „Commercial buildings“.



Shopping center
THE MALL – Sofia



Facade engineering



IKEA – Sofia



IKEA - Sofia is the first department store of the Swedish furniture giant IKEA, opened in Bulgaria in 2011. It extends on an area of about 29,000 square meters. Within this project it is for the first time that an innovative fire resistant facade system „Qbiss.One“ has been designed and implemented, and a facade engineering has been realized for 8,100 m² facade. The building was awarded the „Building of the Year“ award in 2011 in the Commercial Buildings category.



Facade engineering



Kamchiya Sports & Recreation Complex



Kamchiya Sports & Recreation Complex is located in the area of the homonymous resort and comprises an ensemble of buildings for sports purposes. In 2011 Ircon implemented an engineering realization of the steel constructions, as well as a complete engineering of all solid facades. The complex was awarded the „Building of the Year“ award in 2012.



Facade engineering

The business building „Pipera Business Tower“ is located in Bucharest, Romania. The bold architectural line, combined with the unique design of the Viennese architect Martin Troetan and the perfect execution, make the building a landmark in the business park, where it is located. The building has thirteen floors, a total area of 13 300 m2. Ircon Bureau performed the detailed design of the secondary construction, supporting several attached facade systems.



Pipera Business Tower



Shopping center Mall Varna



Mall Varna shopping center was completed in 2008. Ircon realized the facade engineering of the characteristic round facades of consolidated raster, which have become a symbol of Mall Varna. It is the first store of this kind in the country and in particular in the city of Varna. It stretches across nearly 70,000 m2 of built-up area. It was nominated in the prestigious national competition „Building of the Year“ in 2009.





Clients and Partners

During its seventeen year history Ircon Design Bureau has worked for companies and public organizations of various business sectors and public life. We are proud of the results achieved and the wonderful relationship we have with clients, such as:

„Liebherr Hausgeraete Maritza Ltd.
Baumit Bulgaria Ltd.
Nestle Bulgaria JSC
Inter Expo Centre JSC
Trade center Boyla
ADF Bulgaria Ltd.
Actavis - Dupnitsa /Balkanpharma/
Gorenje Bulgaria Ltd.
Swissmod clothing company
Parallel Ltd.
Technoexport Ltd.
Sting JSC Glassco Ltd
Mr.Bricolage
Beautiful Bulgaria Project
Pirin Tex Ltd. /Rollmann/
Biovet JSC
Telelink JSC
Leadcom Bulgaria JSC
Alexander Logistics Ltd
Daewoo Bulgaria
Knauf Gipsfaser JSC
Umicore Med JSC
Heros Ltd.

Bellissimo Business Centre
Ministry of Transport
Metropolitan JSC
Ministry of Finance
Petrol JSC
AMOCO Bulgaria Petroleum Products Ltd.
Forest furniture company
Eco Petroleum Ltd.
Ministry of Youth and Sport
Piccadilly JSC
Boliari JSC
Daks-96 Ltd.
Diado Bojko Ltd.
Biomashinostroene JSC
Interlogistica Ltd.
Office Express Services Ltd.
Prophex bioproducts Ltd.
Metix Ltd.
Alex EA
Natonal Sport Base JSC
Chelopech Mining JSC
Balkan Mineral and Mining JSC
KCM JSC
Trimo d.d.

Of course we should not miss to mention our established partners:

Hochtief Bulgaria
Star bat Bulgaria Ltd.
Agrogroup Exact Ltd.
Preciz AI Energy Ltd.
Glavbolgarstroy JSC
At Engineering 2000 Ltd.
Diado Bojko Ltd.
Planex Ltd.
Tilev Architects Ltd.
ELITE Architectural studio
Terna JSC
Trimo Bulgaria JSC

Enemona JSC
VIAPLAN Ltd.
Montage Stroitelni Konstruktzii JSC
Atelier Serafimov Architects Ltd.
Project Management Company Ltd.
Trace Group Hold
ANISA - M
ADA Ltd
Proin JSC
Tanyu Dimitrov & Partners Inc.



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