

ASTRON BUILDINGS S.A.

Contact Jean-Louis Lecomte
 Address Route d'Ettelbruck
 B.P. 152
 9202 Diekirch, Luxembourg

Phone +352 802911
 Email s.linster@astron.biz
 Website www.astron.biz



ASTRON, since 2005 a member of the LINDAB Group, is Europe's largest manufacturer of steel buildings with over four decades of experience in supplying more than 40 million m² of single and multi-storey buildings all over Europe. The yearly turnover exceeds 150 m Euro.

ASTRON serves the needs of local and international companies planning to construct major new facilities in Western and Eastern Europe, such as manufacturing plants, logistics and distribution centres, trade and retail outlets, tailor made multi-storey buildings for offices, sales and storage, car parks, industrial buildings and structures.

Extensive experience and capacity

ASTRON is staffed with more than 1,000 multilingual personnel. The company has extensive worldwide experience of constructing large buildings ranging from 500 m² to more than 100,000 m².

ASTRON has 12 sales, engineering and support offices in Luxembourg, France, Italy, Germany, Czech Republic, Poland, Russia, Hungary, Romania and Croatia.

The steel structures are all pre-fabricated in 3 factories: Luxembourg, Czech Republic and Hungary. The capacity lies up to 15 buildings per day.

One source supply

ASTRON designs and fabricates all the main components of the building: structure, roof system, wall systems, accessories and thermal insulation. This "one source supply" approach reduces site coordination.

Guaranteed quality and speed – wherever it is built

ASTRON's presence throughout Western and Eastern Europe offers investors the benefits of

working with one company for multiple construction projects in different countries.

ASTRON's key benefits

- One source supply
- A complete "design-and-build" service plus turnkey project construction through 360 authorized ASTRON builders
- Imaginative and appealing architectural design reflecting the customer's image
- A multitude of façade options
- Flexibility of layouts and dimensioning to suit customer requirements
- Optimum use of space, with no or fewer interior columns allowing high flexibility for the actual and future inside layout
- Early completion compared to traditional construction due to efficient erection concept
- Quick return on invest
- Research of a global economical solution
- Low maintenance costs constructions
- Environmentally friendly, recyclable
- The reliability of a long standing European group with a track record of over 30,000 buildings
- 40 years experience in single story building
- 15 years experience in multi-storey building
- A long lasting quality product with ISO 9001:2000 quality certification



Hilton 'Hotel di Breme', Milano

Short Description

This project regards a hotel and congress complex situated next to the FieraMilano and the future Expo2015 area. The new Hilton offers 240 guestrooms, complemented by a 225-seat restaurant and a covered terrace that can hold 250 people, with a lobby bar and fitness area. It also has extensive meeting facilities, with over 450 m² of flexible meeting room space.

The architect's vision of a sober building and his idea to use natural materials of the region like timber wood and terracotta were fully realized.

The galvanised steel elements in the façade together with the timber wood panels and the glazing perfectly dress the 225 tons steel skeleton.

Project Information

Owner: Hilton - Double tree
Architect: FGS/PLG GORING & STRAJA Architects
General Contractor: Teorema studio s.r.l.
Engineering Office: ASTRON BUILDINGS S.A.

Construction Start: 20/01/2007
Construction End: 31/08/2008
Location: Milano, Italy



Located in the heart of Viale Certosa, northern Milan's main business district close to one of the major gateways to the city, the newly built Doubletree by Hilton offers 240 guestrooms, complemented by a 225-seat restaurant and a covered terrace that can hold 250 people, with a lobby bar and fitness area. It also has extensive meeting facilities, with over 450 m² of flexible meeting room space.

The client was looking for both a fast completion and a cost-efficient construction of a reliable, attractive and flexible building. They chose the Astron Multi-Storey Building system, along with the Monodek mezzanine system. The customer wanted to preserve the concrete sub-structure, while on the other hand increase the floor space of the rooms on the different levels. The curtain wall is suspended from the mezzanine and coated with wood and glass elements. The Italian Astron builder Teorema was responsible for the construction of the steel structure of this 2,700 m² six-floor hotel.

A free span of 12.5 metres between the external column supports significantly reduced the number of foundations required and provided maximum flexibility for the inside layout. The Astron Multi-Storey engineering department quickly established the best solution, taking into account the seismic loads of this area (Zone 4). In January 2007, only 12 weeks after work started on site, the structure was erected. The



concrete floor elements were laid soon afterwards. To the delight of the client, he achieved his target programme completion date of August 2008!

The architect, FGS, appreciated the architectural freedom of the Multi-Storey Building system to determine the appearance of the building and provide a contemporary style and elegant design that enhances the corporate brand image of this upmarket hotel chain. The hotel's architecture combines Milan's influence with its contemporary flair for style and innovation. The "H" shape of the hotel, along with the generous utilization of glass and wood and the use of clean lines and airy spaces, creates an atmosphere that is both comfortable and engaging.

