European Galvanizing Awards 2009

EGGA

Intergalva 2009 madrid

Welcome

The European Galvanizing Awards 2009

The European Galvanizing Awards recognise the innovative use of general (batch) galvanized steel by architects, engineers and steel constructors. These awards have been launched this year in conjunction with the industry's global forum – Intergalva 2009.

Projects were entered through the national galvanizers associations that are members of EGGA. In total, 37 projects were entered and the winning project was judged through a voting procedure involving all EGGA member countries.

Projects were evaluated for their effective and innovative use of galvanizing in architecture and civil engineering, as well as the functionality and aesthetics of the structure. Special attention was also given to demonstration of the contribution of galvanizing to sustainable construction. The entrant's approach towards galvanizing and its incorporation in the design stages was also considered important.

In addition to the overall winning project, nine Highly Commended projects were noted for their excellent use of galvanizing. These projects are presented in this brochure together with the winning project. They are outstanding examples of the growing use of galvanizing in architecture and civil engineering across Europe. We hope that they will serve as an inspiration to others.

Manuel Salvadores
President, EGGA

Carlos Garcia de Lucas
Chairman, EGGA Marketing Committee

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2009 Winner

The European Galvanizing Awards 2009

Fishermans' Wharf Warehouses, Cangas Harbour, Pontevedra, Spain

Spain

Fishermans' Wharf Warehouses, Cangas Harbour, Pontevedra, Spain

2009 Winner

Architects
Irisarri + Piñera Arquitectos

Constructors
C y C Constructora, Santiago de Conpostela

Client
Portos de Galicia (Galicia Ports)

Completion Date
2007

These buildings occupy a dockside location where leisure activities have to sit alongside the traditional fishing industry. In addition, it was important not to obscure views of the landscape or impact on the local environment. The solution was to create a series of multifunctional units constructed in galvanized steel and with galvanized steel lattice grids to allow a transparent aspect to the buildings.

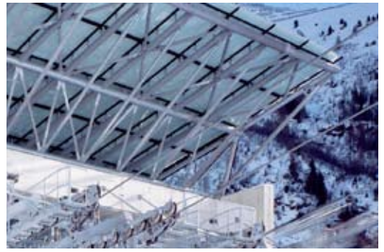
Austria

Galzigbahn, St Anton am Arlberg

Architects
Driendl Architects, Vienna

Completion Date
2006

The Galzigbahn is an impressive demonstration of the use of galvanized steel in transportation systems in extreme Alpine environments. Situated in the Austrian ski resort of St Anton, this structure forms the base station for a mountain cable car system.



Belgium

NMBS Train Station Canopy, Leuven

Architects
Samyn and Partners, Brussels

Completion Date
2008

This new canopy for the train station in Leuven was designed as part of a larger plan to upgrade the Flemish railway network. A design was chosen that would harmonise with the neighbouring buildings whilst also providing the necessary functions of shelter and noise reduction. Particular attention was given to the durability, ease of maintenance and recyclability of the construction materials.

Czech Republic

Hagibor Social Care Facility, Prague

Architects
L&P Architektonický Atelier, Prague
DETLAPLAN s.r.o, Prague

Completion Date
2008

This new complex, near central Prague, has been built as part of a refurbishment of an existing facility - with the original building being preserved for its architectural importance. It will accommodate up to 60 senior citizens and also provide daytime activities for other visitors. Galvanized steel elements have been used extensively throughout the project to enhance the architectural face of the buildings, including the gallery, passage ways and garden architecture.

France

Gare D'Orléans, Orléans

Contractor/Engineers
ACML, SAUMUR

Completion Date
2008

The new roof at the central railway station in Orléans recalls the historic age of rail travel but also presents a light and airy symbol of arrival in Orléans. Steel presented an ideal construction solution in the urban environment, where a light and pre-fabricated structure presented minimal local disruption. The majority of the steel roof structure, which covers an area of 73m x 44m, is galvanized and then painted.

Germany

Aalen University

Architects
MGF Architekten, Stuttgart

Completion Date
2006

These three buildings are an extension to the Faculty of Applied Sciences and Business at the University of Aalen. The buildings have a striking slatted wooden façade combined with extensive use of galvanized steel in the structure. These materials, with their natural appearance, dominate the design of the buildings. The gentle shimmer of galvanized steel combined with the smoothness of the wooden slats provides a welcoming tone to the building. The durability and reliability of the galvanized steel structure are said to be consistent with the aims of the university that it serves.

Italy

Cittadella del Vino, Mezzocorona

Architects
Studio Cecchetto, Venice

Completion Date
2004

The Cittadella del Vino is the largest wine-making complex in Europe – housing wine cellars, bottling operations, offices, shops, an auditorium and display areas. It occupies 12 hectares along the Adige river valley and demonstrates that it is possible to construct a large industrial complex in harmony with its surrounding landscape. Galvanized steel has been used throughout the internal and external elements of the complex.

The Netherlands

Acoustic Sound Barrier and Cockpit, National Highway A2

Architects
ONL Architects, Rotterdam

Client
Projects Bureau Leidsche Rijn, Utrecht

Steel Construction
Meijers Staalbouw bv, Serooskerke

Completion Date
2005

This iconic sound barrier has been designed to accommodate a luxury car showroom and service centre in a 'cockpit' within the structure. The barrier is 1500 metres long and 7 metres high, with the 'cockpit' inspired by the appearance of a jet fighter aeroplane. The structure comprises approximately 44,000 unique steel components and a space frame structure of galvanized 80mm x 80mm profiles and 82.5mm tubes in combination with a variety of gusset plates.

Nordic Countries

VM Housing, Copenhagen, Denmark

Architects
Julien De Smedt Architects, Brussels

Client
Hopfner A/S; Danish Oil Company A/S

Engineer
Moe & Brodsgaard A/S

Contractor
Hopfner A/S

Completion Date
2005

The VM houses (shaped like a V and M when seen from above) is the first residential housing project in the new Ørestad quarter of Copenhagen. In total, over 200 apartments have been created. Each apartment in the V building has a striking tapered, triangular balcony where galvanized steel has been used throughout. Galvanized steel has also been used in other secondary steelwork elements.

United Kingdom

The Singing Ringing Tree, Crown Point, Burnley

Architects
Tonkin Liu, London

Client
Mid Pennine Arts

Structural Engineers
Jane Wernick Associates

Completion Date
2006

The Singing Ringing Tree is a musical sculpture in the landscape. The 'tree' is constructed from 320 galvanized steel tubes of varying length and divided into 21 layers. To create flutes, slots were added to 25 of the tubes. It sits on top of a hill above the English town of Burnley and takes the form of a tree bending in the wind and uses those winds to produce a low, tuneful song. Galvanized steel was chosen because it is strong, stiff and durable and therefore able to withstand the rigours of the exposed location.

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Galvanizers Association

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