

01⁰⁵ LOOK, IT'S WOOD!



SPREAD YOUR IDEAS

WIEHAG
TIMBER CONSTRUCTION

EDITORIAL:

Dear planners and clients,



“Look, it’s wood!” is not only the title of a magazine but also an invitation. On the one hand we would like to introduce you to the fascinating possibilities of timber construction for bearing systems and roofs in modern architecture. Our projects are presented in our magazine, which is published several times a year.

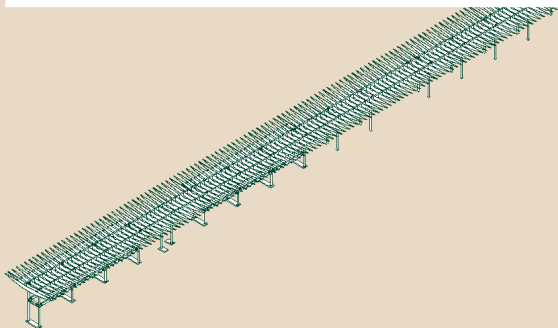
On the other hand “Look, it’s wood!” is an invitation and an offer for all planners and clients. Share your ideas with us. We will give you competent advice and we will also realize your ideas with the help of internationally acknowledged experts in structural engineering and the most modern production in Europe.

I hope that in future our magazine “Look, it’s wood!” will inspire your ideas. Please don’t hesitate to contact us at any time.

A handwritten signature in blue ink, appearing to read 'Werner Kronlachner', written in a cursive style.

Dr. Werner Kronlachner
WIEHAG, Managing Director

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EXPERT SURVEY ON THE USE OF TIMBER IN STRUCTURAL ENGINEERING.



TRAIN STATION IN RÜSSELSHEIM

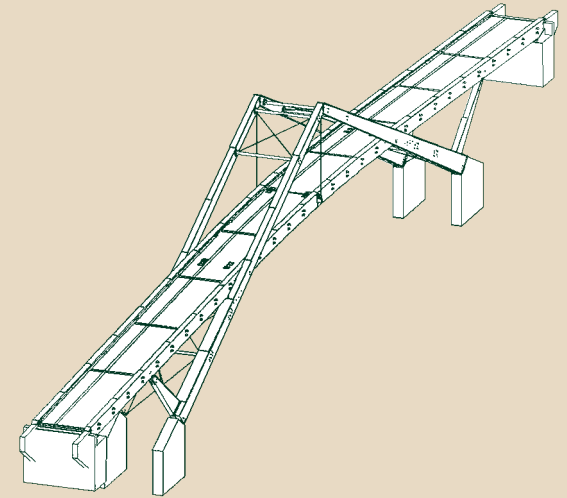
CLIENT

Stadtwerke Rüsselsheim GmbH
(Department of works of Rüsselsheim)

ARCHITECTS TECHNICAL FACTS

Feierabend Architekten, Heppenheim
length of platform 180 m

Roofing over platform in Rüsselsheim – originally planned as a steel construction, an elegant timber solution now delights everybody.



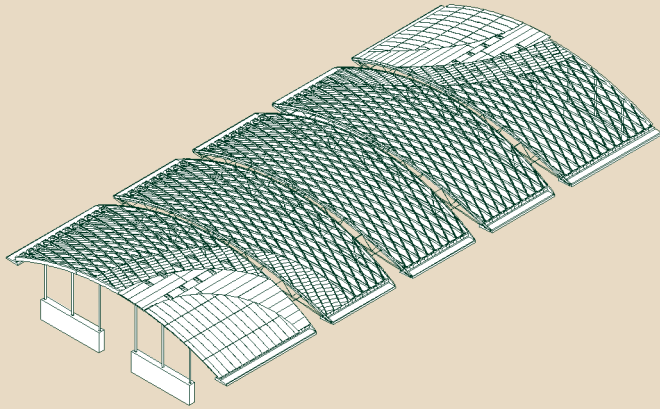
FOOTBRIDGE IN ERDBERG, VIENNA

Footbridge over the channel of the river Danube. Remarkable – it was assembled during only one weekend.

CLIENT

the City of Vienna, department of the construction of bridges and soil engineering (MA 29)
Zeininger Architekten, Wien
span of 85 m

ARCHITECTS
TECHNICAL FACTS

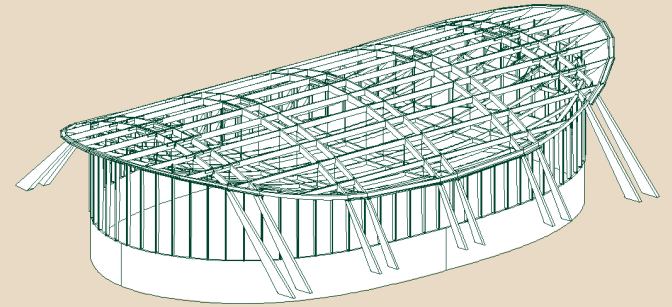


NEW EXHIBITION HALL IN KARLSRUHE

CLIENT
ARCHITECTS
TECHNICAL FACTS

Karlsruher Messe- und Kongress-GmbH
Gerber Architekten, Dortmund
free span of 80 m, 4 halls and 5,500 m³
of glued laminated timber

Multi-purpose hall – an extremely economical timber solution for covered areas of 50,000 m².



NEW ICE SKATING HALL IN INNSBRUCK

An elliptic roof construction for the new ice skating hall in Innsbruck.

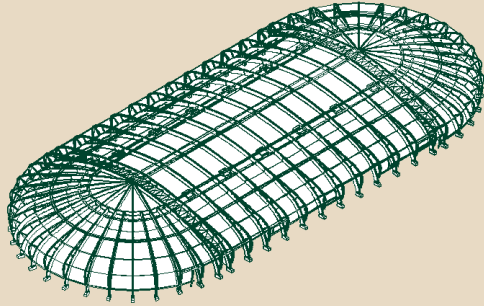
CLIENT

ISPA Innsbrucker Sportanlagen und Errichtungs- und Verwertungs GmbH
Haus der Technik,
Architect Schwaighofer, Innsbruck

ARCHITECTS

PLANNER OF STRUCTURE
TECHNICAL FACTS

Dipl.Ing. Ronald Kuyterink
span of 44 m, 400 m² of glued laminated
timber, ridge height 17.8 m, length of 76 m

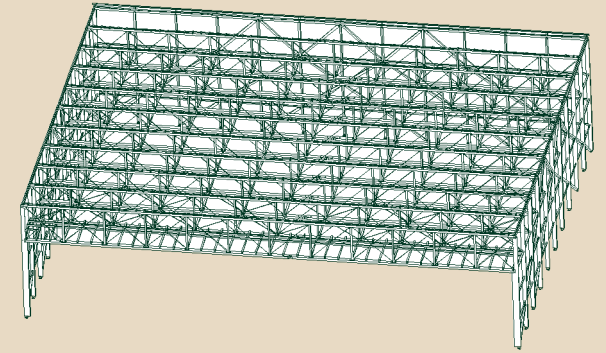


ICE SKATING HALL IN ERFURT

CLIENT
ARCHITECTS
TECHNICAL FACTS

City Council of Erfurt
Planning Community Pohl & Deyle, Erfurt
free span of 80 m and 1,600 m² of glued
laminated timber, height 17 m

Roofing over the existing ice rink with a total area of 13,000 m².



VIP HANGAR OF THE VIENNA AIRPORT

Entire roof and wall structure – the timber solution is convincing with regard to economical and ecological aspects.

CLIENT
ARCHITECTS
TECHNICAL FACTS

VIA Flughafen Wien AG
Holzbauer and partner & ZT Ges.m.b.H
free span of 75 m, area of 75 x 60 m,
550 m² of glued laminated timber,
height ground to bottom edge bottom
chord 13 m, total height 20 m



Construction

Our internationally acknowledged structural engineers provide expert advice on design and guarantee to optimise your projects.

Production

The production process is CNC-controlled from beginning to end. Furthermore, we have the most modern production plant in Europe, which makes it possible to produce single parts up to 50 m length.

Project Management

WIEHAG acts as general contractor and our assembly teams make sure that your projects are completed according to schedule. Our special lorries also undertake the longest special transports to the construction site.

Safety

50 years of experience and up-to-date quality assurance provide safety. The production process is controlled from beginning to end using ultraviolet light, x-ray and laser technology.

Economy

Timber is not only characterized by unlimited durability, but it also has an enormous advantage over steel and concrete when it comes to weight. As the various parts are prefabricated they can be easily assembled on site. All of these advantages lead to extremely convincing cost savings.

Share your ideas with us.

If you would like to receive further information on the constructional and economical advantages that WIEHAG has to offer, please contact us at **07723/465-0** or **www.wiehag.com**

WIEHAG – COMPETENCE BROAD IN SCOPE.



Soon we will know who the lucky winners of our draw are! Everybody who has participated in our expert survey has the chance to win one of 15 tickets for our free study trip to the architectural Mecca Dubai.

Interesting insights into architectural highlights and unforgettable impressions of a city full of surprises are waiting for the participants.

“Marhaba!” We are looking forward to welcoming the winners to our trip to Dubai.

Palm Island



One of the most interesting tourism projects at present.

The City of Dubai



A stronghold of interesting property projects and the building boom.

**WIEHAG EXCURSION
TO AN “ARCHITECTURAL FAIRYLAND”!**

Timber is increasingly important.

The decision on which material is used for a bearing structure is influenced by various factors: costs, technical possibilities, architectural design, safety aspects and many more. In an international expert survey Wiehag asked planners, building companies and clients on this topic.

Experts agree that timber is competitive with regard to ecology and economy, aesthetics and rapid progress during the construction process compared to other materials. However, the survey shows that even highly experienced experts know little about the structural qualities of bearing systems made of timber.

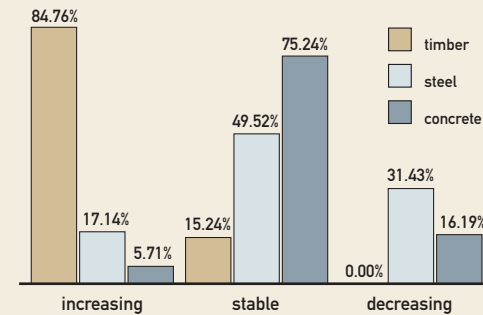
Comparative structural calculations clearly disprove the predominant belief of those asked, as Mr Alfons Brunauer of Wiehag comments on the result, "Talking to planners and clients we are often confronted with this belief. In fact, our projects prove that bearing systems made of timber are equal or even superior to other building materials. Timber has a high potential, it only needs to be correctly used structurally and processed with the help of the latest technology." The discussion on the use of timber in structural engineering will definitely continue.

What is your opinion? Please write a short email to us. We are looking forward to receiving many valuable contributions.

E-Mail: a.brunauer@wiehag.com

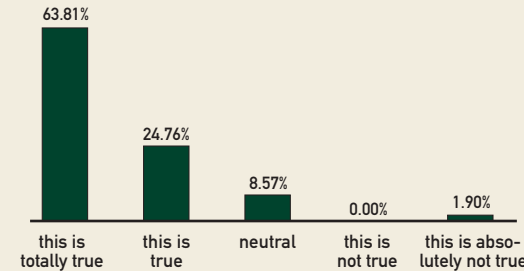


DI Alfons Brunauer,
Head of Timber Engineering,
a.brunauer@wiehag.com



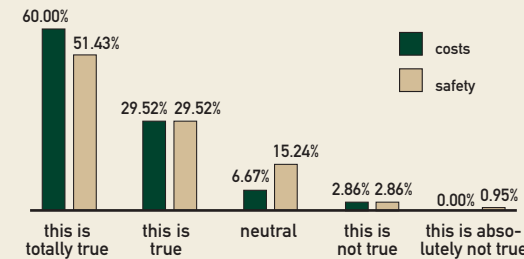
Which importance will be attached to the various building materials in the future?

Timber will be increasingly important. Ecological aspects, cost awareness and flexibility are the reasons for this development rather than the rising prices of steel.



Timber makes large spans possible.

More than 88 % of the experts think that timber is the ideal building material for structures with a large span.



Decisive factors for the choice of material – costs and safety

Safety is an important criteria with regard to the choice of material. The seemingly contradictory demands reflect the range of needs of planners, master builders and clients.

You can request the complete evaluation at c.oesterbauer@wiehag.com.

EXPERT SURVEY ON THE USE OF TIMBER IN STRUCTURAL ENGINEERING

COUNTYHALL LIMERICK, ICE SKATING HALL INNSBRUCK, ICE SKATING HALL NUREMBERG, SPEED SKATING HALL ERFURT, FOOTBRIDGE ERDBERG, BRIDGE ZWIESEL, LOGISTICS CENTRE DUEVILLE, EXHIBITION CENTRE RIED, MAXIMARKT SUPERMARKET WELS, NEW EXHIBITION CENTRE KARLSRUHE, SALT BARN SALINE, SALZBURG ARENA, TRIPLE SPORTS HALL KIRCHDORF, WORLD RECORD ADVERTISING CHAIR FOR COMPANY XXXLUTZ, BRIDGE LIEZEN, SPAR SUPERMARKET EGGELSBERG, PISTE OVERPASS KATSCHBERG, EXHIBITION CENTRE KLAGENFURT, PAVILLION FOR AUSTRIANS NAGANO, ATOMIC PRODUCTION HALL, DANZAS LOGISTICS CENTRE, SHOPPING CENTRE VILLORBA, EXHIBITION CENTRE DRESDEN, EXHIBITION CENTRE FREISTADT, SAP CENTRE GALWAY, SHOPPING CENTRE MONFALCONE, HORNBACH DIY-STORE KREMS, SPAR SUPERMARKET BOZEN, AQUAPULCO BAD SCHALLERBACH, LOGISTICS CENTRE DUISBURG, VIP HANGAR OF VIENNA AIRPORT, EXHIBITION CENTRE STRAUBING, INDOOR SWIMMING POOL PRIENVERA, SPORTS COMPLEX URRETXU, INDOOR SWIMMING POOL RUBERTUSBAD, ANITA LOGISTICS CENTRE, SHIPPING COMPANY EMDEN, ARA LOGISTICS CENTRE, INDOOR SWIMMING POOL BAD BIRNBACH, INDOOR SWIMMING POOL BAD LIEBENWERDA, TRAIN STATION RÜSSELSHEIM, HALL BERTI, BILLA SUPERMARKET ST. GILGEN, BOCCIODROMO MERAN, BOCCIODROMO TIEZZO, BODEGA PERALTA, CASTLE FOR SEMINARS BOGENHOFEN, BRIDGE SCHWERTBERG, BRIDGE ST. VALENTIN, CAMPO TENNIS CEPPINO, CAPANNONE VEDELAGO, SPORTS COMPLEX BOZEN, COIPI PALESTRA LOVADINA, BRIDGE DRACHSELSRIED, EDIFICIO COMMERCIALE FELTRE, HALL EGGER, ICE SKATING HALL HARD, EMBATEX, RAIKA BANK FELDKIRCHEN, BINDERBERGER HANDENBERG, INDOOR SWIMMING POOL PASSAU, HORNBACH DIY-STORE WELS, HANNAK SALZBURG, HOTEL HACIENDA PRINCIPE TENERIFFA, COMPLEX STRASBOURG, KREUZHAUSERHOF SAN, THERMAL BATH KÖNIGSBRUNN, PRODUCTION HALL LÖFFLER, LINDAUPARK, MACHINE HALL HÜTTENBERGER, MIBA VORCHDORF, MIEDL MAINKOFEN, CARPENTRY BUSINESS NIEDERLEITNER, FARM OBSTHOF SEDELMEIER, SCHOOL COMPLEX REGENSBURG, RIDING HALL HÖFLER, DECOMPOSITION HALL ASTEN, ROWING PAVILLION LINZ, SAB SIGGERWIESEN, BRICKWORKS SALZBURG, STADIUM SALZBURG, SPAR

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