



# Heko Spanten

Heko Spanten is a subsidiary of Houthandel Lambert van den Bosch, a timbermerchant established in Ede. Over the past 50 years, Heko Spanten has established itself as a leading designer, labricator and installer of glue laminated frames. Our frames are used in the construction industry and on renova-tion projects. Over the past 50 years, Heko Spanten has secured over 18.000 contracts.



## Diversity of projects

Heko Spanten manufactures quality wooden frames for a wide range of clients and projects worldwide including:

- Churches*
- Schools*
- Sports and Leisure centres*
- Swimming pools*
- Industrial buildings*
- Construction companies*
- Hospitals and medical institutes*

# Support... ...you can trust!

## Glulam is a high-quality product

Laminated wood is formed by gluing together several layers of wood in the direction of the wood's fibre. Before wood can be laminated, it is graded on the basis of its natural imperfections and assigned a strength rating. In addition, the moisture content of the wood is verified by a non-contact measurement system. Only once these checks have been carried out, the strips of wood are ready for lamination.



## Flexibility to create any shape

Given the flexibility of individual strips of wood, we are able to create just about any shape. The strips of wood are pressed together under high and constant pressure in a hydraulic press. The result is a very strong and highly durable construction.

## A strictly controlled production process

The laminated wooden products created by Heko Spanten are machined under controlled conditions. Stringent quality control checks are carried out at all times. As Heko Spanten uses the latest machinery and equipment, the quality of the resultant product is second to none. We have considerable experience in the lamination of the following types of wood:

- Pine • Spruce • Impregnated Pinewood • Home grown Larch (FSC) • Douglas-fir • Iroko • Meranti
- Western Red Cedar • Oregon Pine • Siberian Larch
- Guariuba (FSC) • Sapupira (FSC)



## Wood, naturally!

Wood is an environmentally friendly product. A raw material that is manufactured, by nature on a continuous basis. Given its natural properties, wood is ideally suited to construction applications. It breathes, radiates warmth and creates a natural ambience as well as a sense of nostalgia. In short: wood lives!

## Laminated construction offers five major advantages:

1. Large spans can be easily bridged using a straight or arched frame.
2. Laminated wood is a natural product, environmentally friendly and saves energy.
3. Laminated wood offers excellent fire protection properties.
4. Laminated wood is highly resistant to chemicals and will withstand comparatively high levels of humidity.
5. Following preservative treatment and the addition of a quality finish, laminated wood may also be used externally.

## You request, we create

Heko Spanten is a specialist supplier of a wide range of products including the following:

- *straight roof girders and standard wooden beams*
- *sloped roof girders (single or double-sided)*
- *round columns*
- *laminated purlins with bow*
- *floor beams*
- *portal frames with curved or fingerjointed houches*
- *bridge beams*
- *two-hinge frames*
- *three-hinge frames with full-section joints*
- *three-hinge frames with radius*
- *arched frames with or without tension rod*
- *Heko Spanten is able to manufacture beams up to 38 meters long.*



# Heko Spanten's laminated wood offers much better fire protection!

Although this may appear contradictory, the photograph clearly shows that the steel parts have been badly twisted while the laminated wood supplied by Heko has retained its load bearing capacity. The explanation is simple. Whereas steel becomes hot and soft, construction made of laminated wood carbonise on the outside, thus creating an insulating layer. The charring rate of laminated wood is less than 20 millimetres for every 30 minutes of exposure. All the more reason to consider laminated wood from Heko Spanten. Products that are ideally suited to garages and petrol stations.



## Certified excellence

To meet the quality requirements of our customers, all laminated wooden frames are manufactured in accordance with KOMO certificate number 31342.

## Laminated beams supplied from stock

Heko Spanten is also able to supply laminated beams from stock. These are stronger than solid wooden beams, retain their dimensions and are easily machined. And because we stock standard sizes, our prices are very competitive.



## Interested? So are we...

Feel free to contact us for further information. Heko welcomes the opportunity to provide you with a quotation for your next project/Glulam requirement. When it comes to support you can trust Heko.



Rijksweg 39  
PO box 108  
6710 BC Ede  
The Netherlands

Tel. +31 (0)318-571641  
Fax +31 (0)318-573606  
info@hekospanten.nl  
www.hekospanten.nl



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