

## Processing / Finished Parts



Our in-house machining centre for finished parts is operated by an experienced team of engineers and technicians.

We can produce all shapes and sizes as may be required according to your drawings and files using latest programming and machine technology on modern CNC machines.

### dehonit® is able to offer all kind of supports

The maximum mechanical strength of dehonit® can be developed in any direction by differing the arrangement of the layers and it can be machined to any accuracy approaching that achieved with metals.



## Contact & Distribution

### Deutsche Holzveredelung Schmeing GmbH & Co. KG

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**dehonit®**  
leading in compressed laminated wood

Permalideho

Compressed Wood



QUALITY & RELIABILITY  
MADE IN GERMANY



**Pipe Supports**  
thermal insulation for  
cryogenic applications



WWW.DEHO.DE

WWW.PERMALIDEHO.CO.UK





## Company Profile

Deutsche Holzveredelung Schmeing GmbH & Co. KG is one of the world's leading manufacturers of compressed laminated wood. With over 50 years of manufacturing experience our material has a proven track record with excellent results and references having been used as support and insulation material in the LNG sector worldwide.

Our quality management system has been approved to ISO 9001 since 1995.

All dehonit® semi-finished and finished parts are exclusively machined at our main production plant in Kirchhundem, Germany. Our second production plant, located at Sokolov in the Czech Republic, supports our main plant with the processing of the raw materials.

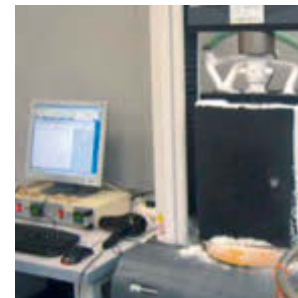
Worldwide subsidiaries, agencies and joint-ventures help us to maintain close contact with all our customers across the globe.

We regularly carry out cryogenic testing of our materials at our in-house laboratory and dehonit® is approved by all the major classification societies. For third party approval and external testing we work closely with some of the top Universities in Europe as below who specialize in low temperature testing.

- ▶ University of Dresden TU
- ▶ University of Chemnitz TU
- ▶ University of Southampton UK
- ▶ Hannover MPA independent test laboratory

dehonit® compressed laminated wood is approved by

- ▶ Bureau Veritas (BV)
- ▶ Det Norske Veritas (DNV)
- ▶ Germanischer Lloyd (GL)
- ▶ Lloyds Register (LR)
- ▶ GTT for Mark III, No 96 and CS1 system



dehonit® successfully passed Killer Test



UNIVERSITY OF  
Southampton



## Compressed Wood for LNG and LPG thermal Insulation for Cryogenic Pipe Supports



dehonit® pipe support



dehonit® cold shoe



dehonit® supervisor

### Features of dehonit®

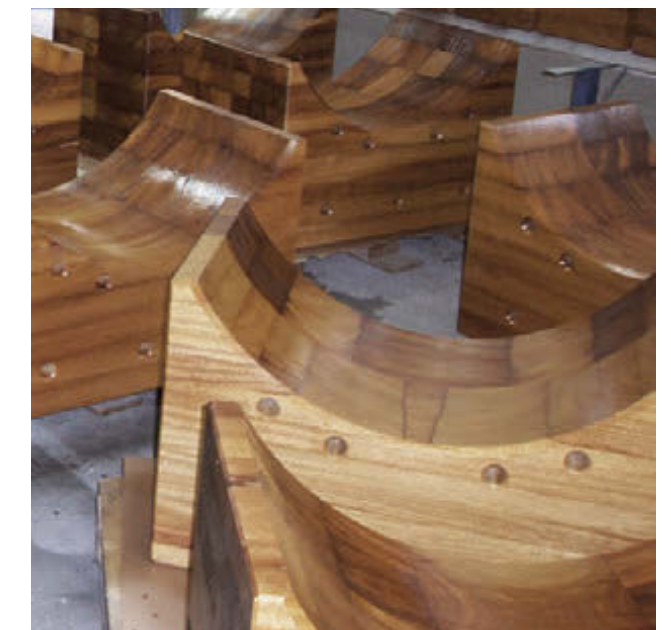
- ▶ High compressive strength
- ▶ Low specific weight
- ▶ Water resistant
- ▶ Low thermal conductivity
- ▶ Low coefficient of friction
- ▶ Temperature stability
- ▶ Low coefficient of linear expansion

### Typical applications for dehonit®

- ▶ Tank supports
- ▶ Trunnion shoe supports
- ▶ Cold shoe supports
- ▶ Base supports
- ▶ Turbine base supports
- ▶ Anchor supports
- ▶ Washers



Our team of engineers and supervisors will be pleased to advise on grades and materials most suitable for your particular application and help resolve any design problems that may be encountered. Our network of worldwide offices and technical sales personnel means that we are available to assist at any time to suit you. Please do not hesitate to contact us. Detailed technical data upon request.



Iroko supports