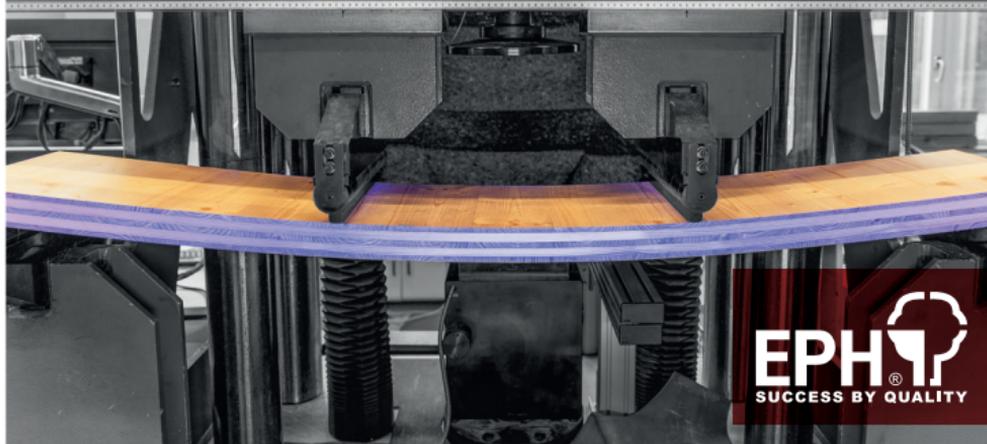


Mechanical and Physical Material Testing



Professional competence and equipment

EPH's Laboratory for Material and Product Testing is accredited acc. to the criteria of the standard DIN EN ISO/IEC 17025.

It is equipped with modern test machines fitted out to perform bending, tension, compression, shear or fatigue tests. Furthermore, there are modern air conditioning units and devices for determining heat and humidity transfer in use. The accuracy of measurement of the test devices and the measuring instruments is controlled by certified bodies regularly.

Quality certificates



Conformity Mark (Ü-Mark)
DIBt Certified Body
Code Number: SAC 03



Conformity Mark (CE-Mark)
European Notified Body
Code Number: 0766



Quality Mark „Quality proven“
on certificates



Quality Mark „Manufacturing
controlled quality proven“ with
external control by EPH



Testing, surveillance, certification of construction products

As a Certified and Notified Body following services on materials stated below are offered by the EPH:

- Testing, monitoring and certification of wood and woodbased materials
- Testing of nails and staples
- Testing of timber formwork beams and sheathings
- Testing of fall protective constructions
- Testing of insulating materials
- Testing of adhesives and glued constructions
- Testing of floors, like structural floor deckings and floating floors

Selection of standardised test methods

As an Accredited Testing Laboratory the EPH offers following tests:

- Determination of modulus of rupture and elasticity in bending, tension, compression or shear
- Determination of impact strength
- Determination of fatigue behaviour in dynamic load
- Evaluation of adhesives and testing of glue-lines regarding their adhesive strength
- Determination of thermal conductivity and thermal resistance
- Determination of behaviour towards moisture and heat
- Determination of permeability to water vapour
- Testing of nailed and screwed connections
- Calculation of thermal and humidity insulation characteristics

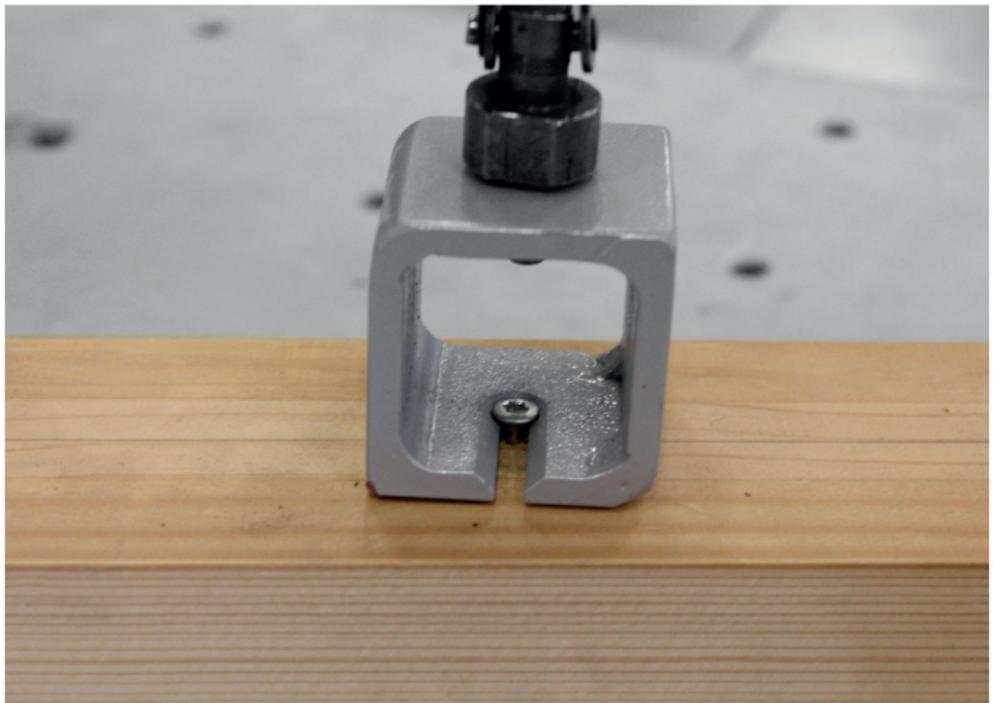
Dipl.-Ing.

Jens Gecks

+49 351 4662 243

jens.gecks@eph-dresden.de

Head of Laboratory



Entwicklungs- und Prüflabor Holztechnologie Dresden

Zellescher Weg 24

01217 Dresden · Germany

www.eph-dresden.de

F09-06/25