1 Determination of the compressive strength of monolithic adhesive test specimens.

Accredited and recognized

The testing body “Structural Bonding” of the Fraunhofer Institute for Wood Research is accredited for adhesive systems used in load bearing constructions according to ISO/IEC 17025 and officially recognized under the Building Code of the German federal State Lower Saxony (Landesbauordnung). Thus, we are your competent partner for testing adhesives and glued wood products, for structural use as well as for non-lead bearing constructions.

Our range of services

Load-bearing structures
- Testing and classification of phenolic and aminoplastic (EN 301)
- Testing and classification of one component polyurethane (PUR) (EN 15425)
- Testing and classification of emulsion polymerized isocyanate (EPI) (EN 16254)
- Testing and classification of two component polyurethane (2K-PUR) and two component epoxy (2K-EP)

Non load-bearing structures
- Testing and classification of adhesives according to IOS-MAT-0134
- Testing and classification of thermoplastic wood adhesives (EN 204)
- Testing of resistance to static load of wood adhesives (EN 14256)
- Determination of tensile strength of lab joints at elevated temperature (WATT'91/DIN 14257)

Complementary offers
- Testing of adhesives and bonding quality of lamella and finger joints of glued laminated timber (EN 14080 / EN 16351)
- Monitoring and certification of glued laminated timber (EN 14080 / EN 16351)