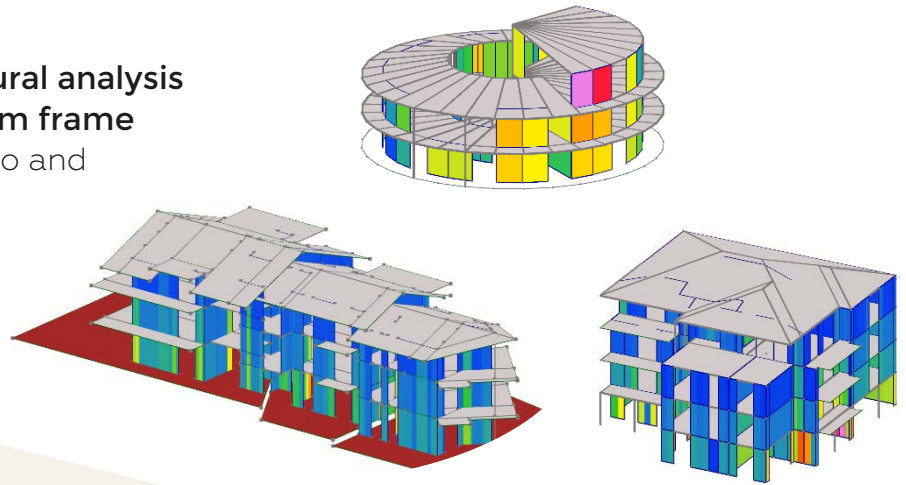


Structural design software for analysis of timber shear walls structures

Engineering software for the **structural analysis** and **design** of timber **CLT** or **platform frame** buildings born at University of Trento and developed by TimberTech



STANDARDS AND LOADS

Eurocodes with National Application Documents

SEISMIC ANALYSIS

- The software automatically calculates the wall lateral stiffness also taking into account the contribution of the connections
- Equivalent linear static analysis and Modal linear dynamic (response spectrum) analysis

CHECKS

- CLT and platform frame walls
- Vertical joints in CLT walls
- Connections: hold down, angle brackets, screws, nails
- Timber ceilings (joist floors, solid timber floors and CLT floors)
- Timber or steel beams and columns
- Lateral buckling of the beams

MATERIAL DATABASES

Preloaded properties of the timber elements and wooden materials

- Timber materials: hardwood, glued laminated timber, CLT, plywood, OSB, gypsum-fibreboard, LVL, SWP, Duo/Trio
- Steel grades
- Connections: hold down, angle brackets, punched steel plates and straps, screws, nails

DESIGN CALCULATION REPORT

The software automatically generates a clear and detailed technical design calculation report which can be exported in Microsoft Word format.

IMPORT & EXPORT

Import and export of drawings in Autocad dxf format

Educational license for educational institutions (schools, Universities, etc.)

FEATURES OF EDUCATIONAL LICENSE

- Time unlimited
- Unlimited number of licenses (local network)
- 4-hour course for teachers
- Very special price for schools and universities

