Dlubal

Structural Analysis & Design Software

Dipl.-Ing. (FH) Andreas Hörold
Organizer

Marketing & Public Relations
Dlubal Software GmbH

Stefan Hoffmann, M.Sc.
Co-Organizer

Product Engineering & Customer Support
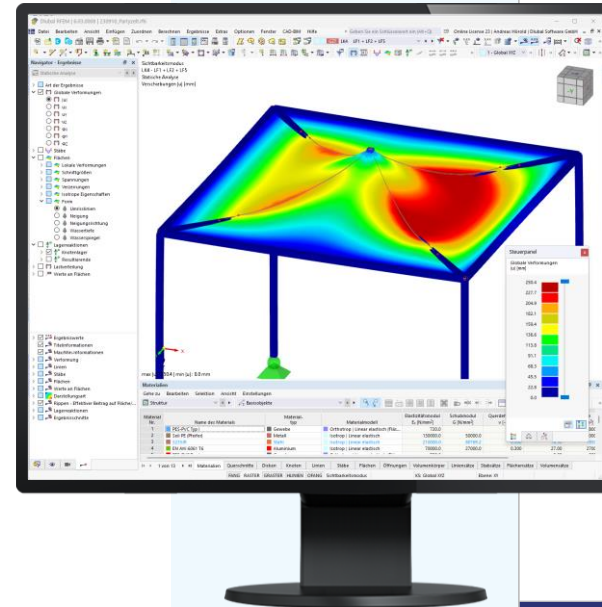Dlubal Software GmbH

Dipl.-Ing. (BA) Andreas Niemeier, M.Eng.
Co-Organizer

Head of Product Engineering
Dlubal Software GmbH

Webinar

Form-Finding and Calculation of Tensile Membrane Structures in RFEM 6

Questions During the Presentation

🖥 GoToWebinar Control Panel
Desktop

✉ E-mail: **info@dlubal.com**

Show or hide control panel
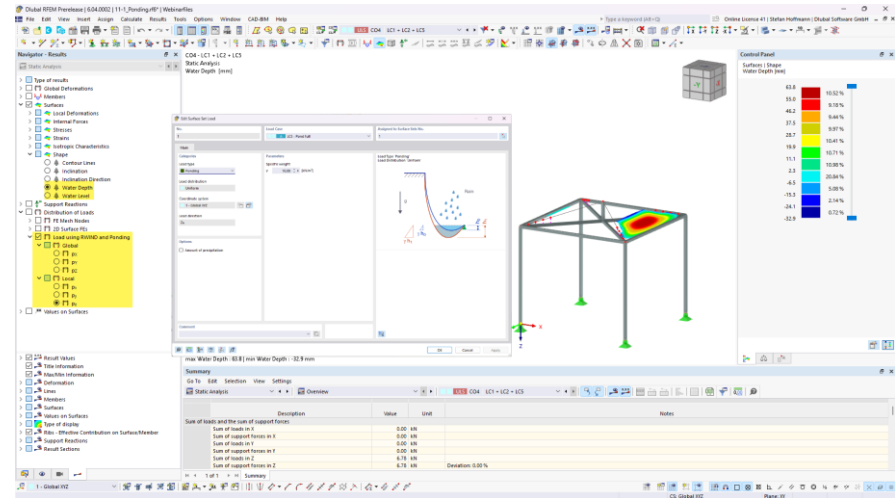
Adjust audio settings
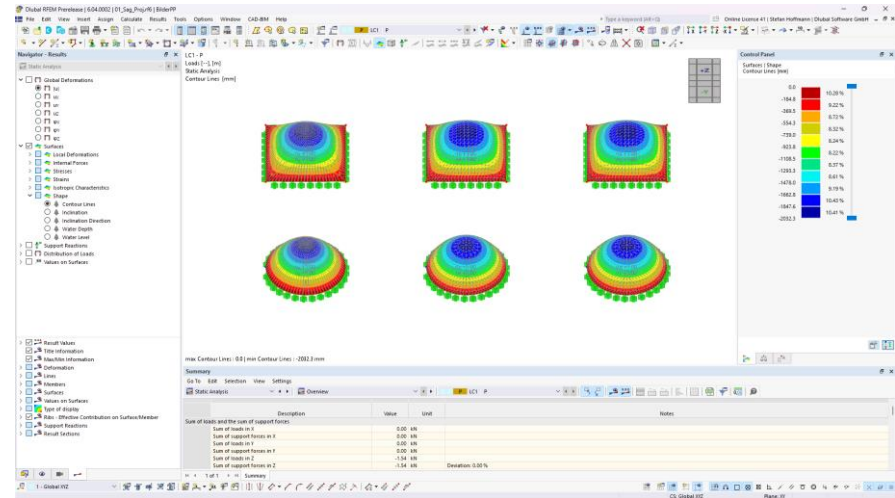
Ask questions

Content

Webinar
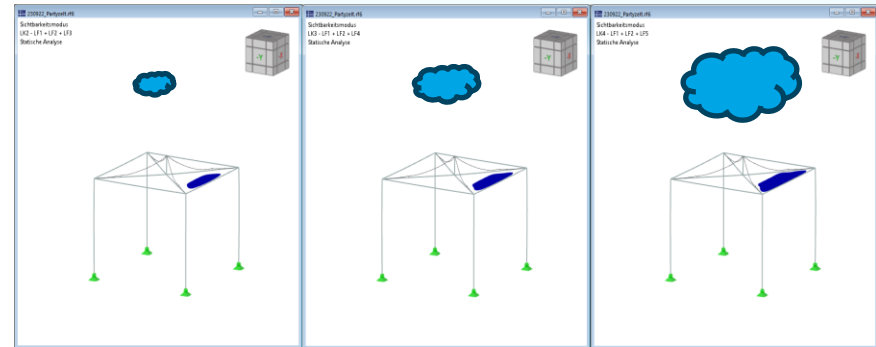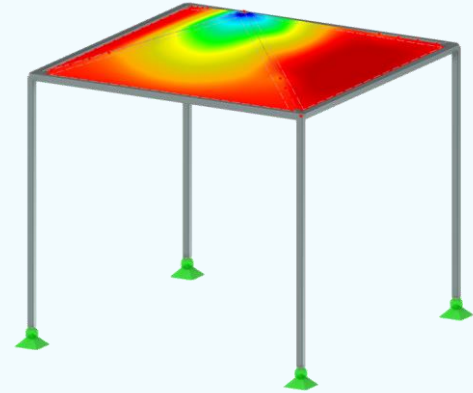
Ponding

- Simulation of the effects of rain on multi-curved surfaces

- Consideration of geometry and displacements according to Th. III. O.

- Analysis of approximately horizontal membrane roofs
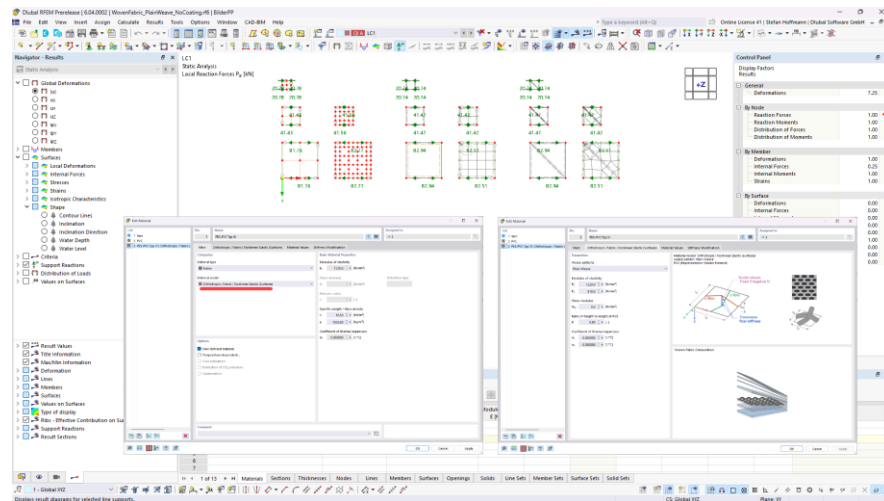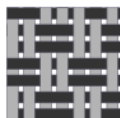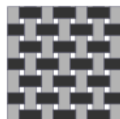
Surface load Sag – projection method

- Calculation method – projection

- FF-Definition – Sag

    - Orthogonal

    - Radial

- For synclastic shapes

Material model - orthotropic, fabric, nonlinear elastic (Surfaces)

- Material type fabric

- orthotropic, fabric, nonlinear elastic (surfaces)

- Weave patterns

  - Plain weave

  - Basket weave

Material model - orthotropic, fabric, nonlinear elastic (Surfaces)

- Microstructure-based material model

- Representative volume element

  - Inclined cables (fibers)

  - Vertical truss (distance of fibers)

  - 2D foil element (coating, optional input of shear modulus)

$$R = \frac{h_0}{l_0}$$

Examples

Webinar

Prospect

- Finalizing the features of the pre-release version

- DXF export form-found structure

- Development of cutting patterns
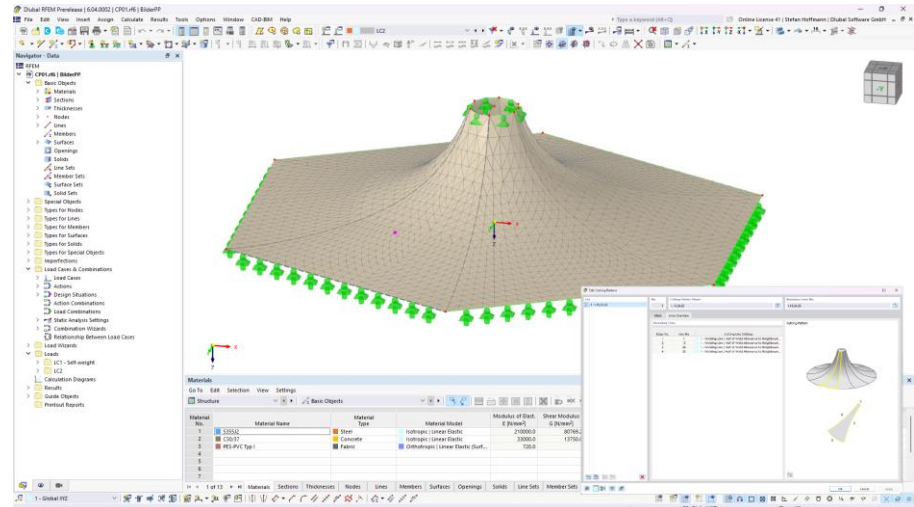
Book your free Online Appointment!

Get valuable insights from one of our experts

Dipl.-Ing. (FH) Dipl.-Wirtschaftsing. (FH) Christian Stautner

Head of Sales

Bastian Ackermann, M.Sc.

Sales

Daniel Dlubal, M.Sc.

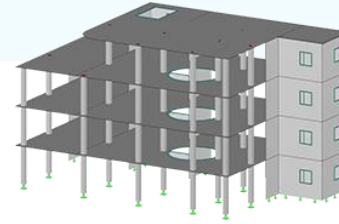COO of Dlubal Software GmbH

Dipl.-Ing. (FH) Michael Hansen

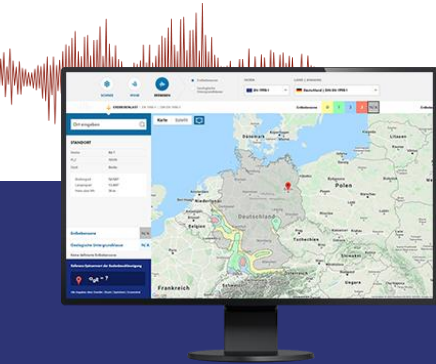Sales & Marketing

Contact Our Sales Team
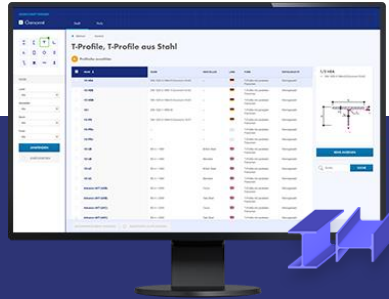
Free Online Services

Geo-Zone Tool

Dlubal Software provides an online tool with snow, wind and seismic zone maps.

Cross-Section Properties

With this free online tool, you can select standardized sections from an extensive section library, define parametrized cross-sections and calculate its cross-section properties.

FAQs & Knowledge Base

Access frequently asked questions commonly submitted to our customer support team and view helpful tips and tricks articles to improve your work.
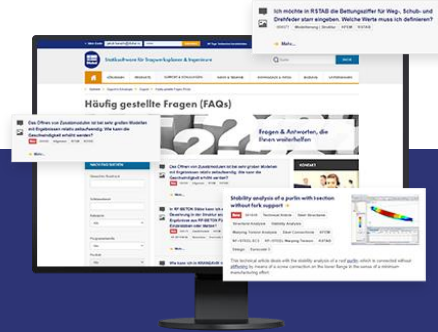
Models to Download

Download numerous example files here that will help you to get started and become familiar with the Dlubal programs.

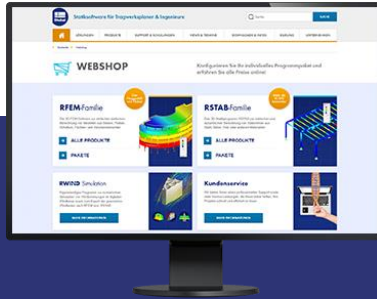Webinar

Free Online Services

Youtube Channel - Webinars, Videos

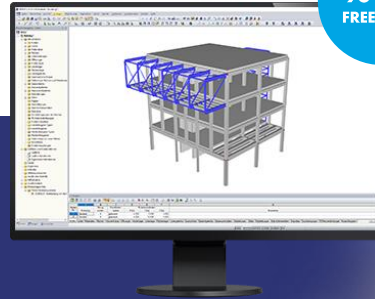Videos and webinars about the structural engineering software.

Webshop with Prices

Configure your individual program package and get all prices online!

Trial Licenses

The best way how to learn using our programs is to simply test them for yourself. Download a 90-day free trial version of our structural analysis & design software.

90-DAY FREE TRIAL

We offer free support via email and chat

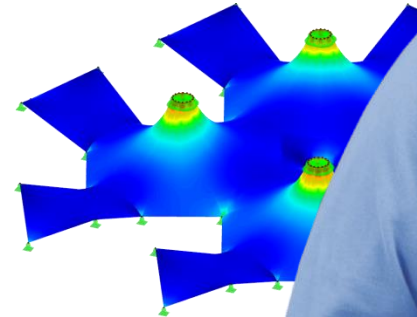Webinar

Get Further Details About Dlubal

Visit website
www.dlubal.com

→ **Videos and recorded webinars**

→ **Newsletters**

→ **Events and conferences**

→ **Knowledge Base articles**

See Dlubal Software in action in a webinar

Download free trial license

Dlubal

www.dlubal.com