

Release notes R 2020-1

New timber construction Eurocode for Austria implemented

The new Eurocode ÖNORM B 1995-1-1: 2019-06 was implemented in the timber and roof programs.

Save output profiles

In the PLUS programs, the output profiles can now be stored, imported and managed.

New program Glued Laminated Girder D10+

The program "Glued Laminated Girder" has been newly developed and is included as program D10+ in the new release. As a new girder type, the "fish shape girder" has been implemented.

New program Continuous Beam Timber HTM+

The new FRILO solution "Continuous Beam Timber HTM+" is included in this release. The program is the successor to the HO7 program.

New program Gusset Plate SFB+

With the new program SFB+, all necessary verifications for gusset plate connections "steel girders on steel columns" or "steel girders on secondary girders" can be performed.

Program Framework RSX: timber as material

In the program "Framework RSX" the material timber is now available.

Building Model GEO: Quantity surveying and other additions

In the building model, quantity surveying is available as an additional option GEO-ME. In addition, the design interface for the new reinforced concrete column B5+ in GEO has been implemented. The municipalities of Saxony-Anhalt are available to determine the earthquake loads in the municipality selection. In the stiffening calculation, the rigidity around the weak axis can be switched off for single walls.

Punching Shear Analysis B6+: Extension of the input of the bending reinforcement

In the program B6+ up to 4 reinforcement layers are now possible when entering the bending reinforcement. The input can either be made via diameter and bar distance or via diameter and number of the reinforcement bars.

New Toolbox module: Half Joint Slab

With the TB-BAD module, the verification of line consoles can be performed on notched ceiling supports.

Various programs have addressed minor issues and incorporated improvements. Further information can be found in the respective update info.