FRILO
BY ALLPLAN

FRILO EDITIONS 2025

PROGRAMS		Category	CONCEPT	PROFESSIONAL	ULTIMATE
DLT+	Continuous Beam (includes STM+, HTM+, BTM+ and all add-ons)	**Beam**	■	■	■
GEO	Building Model	**Load**	■	■	■
LWS+	Wind and Snow Loads	**Load**	■	■	■
STS+	Single-span Steel Column	**Steel**	■	■	■
HO1+	Timber Column	**Timber**	■	■	■
DGK+	Hip/Valley Rafter	**Roof**	■	■	■
DSP+	Continuous Rafter	**Roof**	■	■	■
PLT	Slabs by Finite Elements	**Rein. Concrete**	■	■	■
B5+	Reinforced Concrete Column	**Rein. Concrete**	■	■	■
B6+	Punching Shear Analysis	**Rein. Concrete**	■	■	■
MWX+	Masonry Design	**Masonry**	■	■	■
FD+	Isolated Foundation	**Foundation**	■	■	■
FDS+	Strip Foundation	**Foundation**	■	■	■
BEB+	Beam on Elastic Foundation	**Found. Eng.**	■	■	■
FDD	Document Designer	**Document**	■	■	■
GEO-EB	Seismic Analysis for GEO	**Load**		■	■
GEO-HL	Horizontal Load Transfer for GEO	**Load**		■	■
GEO-ME	Measurement of Quantities for GEO	**Load**		■	■
LAST+	Load Compilation	**Load**		■	■
FBC	FRILO BIM-Connector®	**BIM**		■	■
SCN	Walls by Finite Elements	**Rein. Concrete**		■	■
B2+	Verification of Reinforced Concrete Cross-Sections	**Rein. Concrete**		■	■
B2-POLY	Polygonal Design and Temperature Analysis for B2	**Rein. Concrete**		■	■
B5-HSB	Temperature Design for B5+	**Rein. Concrete**		■	■
B5-SAS	High-Strength Steel for B5+ (SAS670)	**Rein. Concrete**		■	■
B7+	Flight of Stairs	**Rein. Concrete**		■	■
B8	Prestressed Reinforced Concrete Girder	**Rein. Concrete**		■	■
B9+	Reinforced Concrete Corbel	**Rein. Concrete**		■	■
B10+	Reinforced Concrete Half Joint	**Rein. Concrete**		■	■
B11	Crack Width Verification	**Rein. Concrete**		■	■
BSM+	Strut-and-Tie Model Reinforced Concrete	**Rein. Concrete**		■	■
BDU+	Flush Beam	**Rein. Concrete**		■	■
D7+	Rafter Purlins	**Roof**		■	■
DKD+	Collar Beam Roof	**Roof**		■	■
DPD+	Purlin and Rafter Roof	**Roof**		■	■
HTW+	Timber Wall Diaphragms	**Timber**		■	■
ST3	Steel Column Base	**Steel**		■	■
MWM+	Multi-storey Masonry Wall	**Masonry**		■	■
MWK+	Basement Masonry Wall	**Masonry**		■	■
MWP+	Masonry Column	**Masonry**		■	■
WSM+	Cantilevered Retaining Wall	**Found. Eng.**		■	■
BWA+	Basement Wall	**Found. Eng.**		■	■
FDR+	Reinforced Raft Foundation	**Found. Eng.**		■	■
BEB-BEW	Reinforcement Layout for BEB+	**Found. Eng.**		■	■
TB-AG	Toolbox General (2)	**Toolbox**		■	■
TB-BS	Toolbox Fire Resistance (4)	**Toolbox**		■	■

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TB-MW	Toolbox Masonry (3)	**Toolbox**		■	■
TB-SB	Toolbox Reinforced Concrete (16)	**Toolbox**		■	■
TB-TH	Toolbox Timber (12)	**Toolbox**		■	■
TB-GB	Toolbox Foundation Engineering (1)	**Toolbox**		■	■
RSX	Framework	**Framework**			■
RSX-3D	3D Calculation for RSX	**Framework**			■
RSX-DY	Dynamics for RSX	**Framework**			■
RSX-M-B	Design of Reinforced Concrete for RSX	**Framework**			■
RSX-M-H	Design of Timber for RSX	**Framework**			■
RSX-M-S	Design of Steel for RSX	**Framework**			■
RSX-P	Generation of Loads with Panels for RSX	**Framework**			■
RSX-ST	Stability Steel for RSX	**Framework**			■
WL	Wind Loads	**Load**			■
Q2	Cross-Sectional Properties	**Rein. Concrete**			■
D10+	Glued Laminated Girder	**Roof**			■
HO2+	Skew Notch Joint	**Timber**			■
HO3+	Timber Tension Joint	**Timber**			■
HO6+	Timber Frame Corner	**Timber**			■
HO11+	Verification of Timber Cross-Sections	**Timber**			■
HO12+	Timber Construction Details	**Timber**			■
HO13+	Timber Truss Joint	**Timber**			■
HO14+	Single Fastener Timber Joint	**Timber**			■
HSC+	Dovetail Connection	**Timber**			■
HTB+	Cross Laminated Timber Beams	**Beam**			■
HTV+	Reinforced Timber Beam	**Beam**			■
HNV+	Mechanically Jointed Beams	**Beam**			■
FWH+	Trusses Timber	**Beam**			■
FWS+	Trusses Steel	**Beam**			■
S9+	Crane Runway Girder	**Beam**			■
STT+	Single-span Steel Beam	**Beam**			■
BTII+	Lateral Torsional Buckling Analysis	**Steel**			■
ATB+	Antenna Mast Design	**Steel**			■
S7+	Portal Frame	**Steel**			■
S8+	Steel Chimney Design	**Steel**			■
S8-S	Steel Chimney anchored by ropes for S8+	**Steel**			■
SPS+	Butt Plate Joint	**Steel**			■
SFB+	Fin Plate	**Steel**			■
SLS+	Splice Connection	**Steel**			■
SRE-1	Screwed Frame Corner	**Steel**			■
SRE-2	Welded Frame Corner	**Steel**			■
STR+	Steel Frame	**Steel**			■
STX+	Stability Analysis for Steel	**Steel**			■
STY+	Typified Steel Connections	**Steel**			■
SWA+	Steel Angle Connection	**Steel**			■
ST4	Steel Girder Support	**Steel**			■
ST5	Weld Design	**Steel**			■
ST6	Pocketed Steel Column Base	**Steel**			■
ST9	Bolted Steel Connection	**Steel**			■
ST12+	Steel Bracing	**Steel**			■
ST15	Base Flange	**Steel**			■
QS+	Steel Cross-Sections General	**Steel**			■
SQN+	Verification of Steel Cross-Sections	**Steel**			■
PLII+	Buckling Analysis	**Steel**			■

PROGRAMS		Category	CONCEPT	PROFESSIONAL	ULTIMATE
FDB+	Pad Foundation	**Foundation**			■
FDM+	Mast Foundation	**Foundation**			■
FD-PRO	FD+ Professional	**Foundation**			■
FD-BEW	Reinforcement Graphics for Foundations	**Foundation**			■
Pfahl+	Pile Foundation	**Found. Eng.**			■
BBR+	Slope Failure Analysis	**Found. Eng.**			■
EDB+	Earth Pressure Calculation	**Found. Eng.**			■
GBR+	Bearing Resistance Failure	**Found. Eng.**			■
SBR+	Soil Settlement	**Found. Eng.**			■
SGW+	Gravity Wall	**Found. Eng.**			■

FRILO CONCEPT EDITION

The Concept Edition is designed as a basic version for FRILO newcomers. The centrepiece is the GEO building model, which you can use to calculate the vertical load transfer for simple load-bearing structures floor by floor. The widely used DLT+ for calculating single and multi-span beams made of concrete, steel and timber is also included. Furthermore, you can perform verifications for slab structures (according to FEM), masonry walls, columns made of concrete, steel and timber, common timber roofs and foundations according to the current Eurocode. Using the Document Designer all structural analysis results can be summarised and administrated on a project-specific basis in a verifiable output document.

FRILO PROFESSIONAL EDITION

The Professional Edition is intended for structural engineers who place more demands on their structural analysis in solid construction. Draw from the full range for the calculation and design of components and details made of reinforced concrete and masonry. The GEO add-ons for calculating horizontal loads from wind, inclination and earthquakes are also provided. Using the FRILO BIM-Connector, you can import 3D models generated in CAD software as IFC and SAF files into the FRILO environment and create a calculation model. Our toolboxes help you with standard calculations in everyday engineering work.

FRILO ULTIMATE EDITION

The Professional Edition is intended for structural engineers who place more demands on their structural analysis in solid construction. Draw from the full range for the calculation and design of components and details made of reinforced concrete and masonry. The GEO add-ons for calculating horizontal loads from wind, inclination and earthquakes are also provided. Using the FRILO BIM-Connector, you can import 3D models generated in CAD software as IFC and SAF files into the FRILO environment and create a calculation model. Our toolboxes help you with standard calculations in everyday engineering work.

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