FRILO
BY ALLPLAN

FRILO EDITIONS 2025

PROGRAMS		Category	PROFESSIONAL	ULTIMATE
DLT+	Continuous Beam	**Beam**	■	■
GEO	Building Model	**Load**	■	■
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**	■	■
LWS+	Wind and Snow Loads	**Load**	■	■
D7+	Rafter Purlins	**Roof**	■	■
DKD+	Collar Beam Roof	**Roof**	■	■
DPD+	Purlin and Rafter Roof	**Roof**	■	■
DGK+	Hip/Valley Rafter	**Roof**	■	■
DSP+	Continuous Rafter	**Roof**	■	■
PLT	Slabs by Finite Elements	**Rein. Concrete**	■	■
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+	Reinforced Concrete Column	**Rein. Concrete**	■	■
B5-HSB	Temperature Design for B5+	**Rein. Concrete**	■	■
B5-SAS	High-Strength Steel for B5+ (SAS670)	**Rein. Concrete**	■	■
B6+	Punching Shear Analysis	**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**	■	■
MWX+	Masonry Design	**Masonry**	■	■
MWM+	Multi-storey Masonry Wall	**Masonry**	■	■
MWK+	Basement Masonry Wall	**Masonry**	■	■
MWP+	Masonry Column	**Masonry**	■	■
HO1+	Timber Column	**Timber**	■	■
HTW+	Timber Wall Diaphragms	**Timber**	■	■
STS+	Single-span Steel Column	**Steel**	■	■
ST3	Steel Column Base	**Steel**	■	■
FD+	Isolated Foundation	**Foundation**	■	■
FDR+	Reinforced Raft Foundation	**Foundation**	■	■
FDS+	Strip Foundation	**Foundation**	■	■
BEB+	Beam on Elastic Foundation	**Groundwork**	■	■
BEB-BEW	Reinforcement Layout for BEB+	**Groundwork**	■	■
BWA+	Basement Wall	**Groundwork**	■	■
WSM+	Cantilevered Retaining Wall	**Groundwork**	■	■
FDD	Document Designer	**Documentation**	■	■
FBC	FRILO BIM-Connector®	**BIM**	■	■
TB-AG	Toolbox General (2)	**Toolbox**	■	■
TB-BS	Toolbox Fire Resistance (4)	**Toolbox**	■	■

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PROGRAMS		Category	PROFESSIONAL	ULTIMATE
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**		■
BTII+	Lateral Torsional Buckling Analysis	**Steel**		■
S7+	Portal Frame	**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**		■
ST12+	Steel Bracing	**Steel**		■
QS+	Steel Cross-Sections General	**Steel**		■
SQN+	Verification of Steel Cross-Sections	**Steel**		■
PLII+	Buckling Analysis	**Steel**		■
FDB+	Pad Foundation	**Foundation**		■
FDM+	Mast Foundation	**Foundation**		■
FD-PRO	Professional for Foundations	**Foundation**		■
FD-BEW	Reinforcement Graphics for Foundations	**Foundation**		■
GBR+	Bearing Resistance Failure	**Foundation**		■

PROGRAMS		Category	PROFESSIONAL	ULTIMATE
Pfahl+	Pile Foundation	**Groundwork**		■
BBR+	Slope Failure Analysis	**Groundwork**		■
EDB+	Earth Pressure Calculation	**Groundwork**		■
SBR+	Soil Settlement	**Groundwork**		■
SGW+	Gravity Wall	**Groundwork**		■

FRILO PROFESSIONAL EDITION

The Professional Edition is designed for structural engineers who want to perform structural analysis and design in concrete and masonry construction in the best possible way. The centrepiece is the GEO building model, which allows the determination of vertical and horizontal load transfer for load-bearing structures on a story-by-story basis. The popular DLT+ continuous beam program for analysing and designing single- and multi-span beams made of concrete, steel, timber and aluminium is part of the bundle. Furthermore, you can perform verifications for common timber roofs, load-bearing walls and slabs (according to FEM), masonry walls, timber wall diaphragms, columns made of concrete, steel and timber, as well as foundations according to the current Eurocode. With the help of the FRILO BIM-Connector, 3D models generated in CAD software can also be imported into the FRILO environment as IFC and SAF files, in order to create an idealized analytical model. All results of the structural analysis and design can be documented and managed in a verifiable output using the Document Designer.

FRILO ULTIMATE EDITION

The Ultimate Edition is a must have for structural engineers who cover the entire field of structural analysis and design with multiple materials in their daily work. In addition to reinforced concrete and masonry, you can also use our all-round carefree bundle to perform an impressive variety of component and detail verifications for steel and timber construction. RSX allows you to model bar-shaped supporting structures made of steel, timber, concrete and aluminium in 2D and 3D and to determine internal forces and support forces. In addition to structural engineering, you are also equipped for elementary calculations and verifications in foundation engineering.

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