CLTdesigner - Versions and changes

Date	Version	Modules concerned	Changes
13.04.2011	2.0 a	CLT-Plate 1D - Internal forces	- interaction M+N for internal forces according to 2nd order theory: no quadratic interaction if M=0
09.05.2011	2.0 b	All	- Cross section definition for products: Display problem fixed
09.05.2011	2.0 c,d	CLT-Plate 1D - Continuous beam	- KLED of imposed loads modified according to Eurocode or NA
01.06.2011	2.0 e	CLT-Plate 1D - Continuous beam	- PreferencesDialog: Limit-Spinner.commitEdit() invoked when pressing OK
28.06.2011	2.1	All	- Products Hasslacher - Displaying the storage location on the window - Output of the deflection in mm in the pdf report
17.08.2011	2.1 a	All	- MM 7ss-layups and MOE fixed
28.02.2012	2.2		- Spanish version - Stora Enso and Finnforest removed - Preferred cross sections implemented - Material according approvals fixed - new layups Haas (Timbory) and Hasslacher - in-plane shear corrected for double layers - national annex DE - User-Preferences established
24.08.2012	3.0		- shear analogy method - vibration verification according to Hamm/Richter and Hamm/Richter mod. - vibration check according to ON B extended by vibration acceleration - layups Haas and Hasslacher updated - new material for Hasslacher according to ETA - user-defined combination coefficients, safety factors and kdef values - Preferences revised
03.01.2013	3.0 a		- Binder removed - Hasslacher material ETA set as default value
16.01.2013	3.1		- new KLH layups - charring rate of KLH changed - tensile strength of KLH changed - Tension check for transverse layers changed
21.01.2013	3.1 a		- Bug in vibration verification for cross section widths unequal 1m corrected
21.06.2013	3.2		- new Hasslacher layups - adhesive for Hasslacher changed - problem with tables on Mac fixed - SLS combination problem with wind and snow when load position "Total" fixed
21.06.2013	3.2 a		- problem with dead load + snow fixed
22.07.2013	3.3		- new Derix layups - new MM layups - Bug with dead load and ProjectPreferences fixed - display of b_{ef} with screed fixed

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12.02.2014	3.4		- new Hasslacher layups
30.04.2014	3.5		- Rolling shear strength KLH according to ETA-06/0138 (2012-2017) modified - mistake in writing in Hasslacher layups corrected - display problem of utilization ratios in case of fire in module "CLT-Plate 1D - internal forces" fixed
06.06.2014	3.5 a	CLT-Plate 1D - Continuous beam	- Bug for beams with cantilevers in showing utilization ratios fixed, as well as the differences between summary and details
21.07.2014	3.5 b		- signed jar-File
07.04.2015	3.5 c		- GUIPreferences user-defined cursor excluded, because error message to a user
29.07.2015	3.6		- Binder and Stora Enso layups included - ON B1995-1-1:2014 implemented - disregarding of short cantilevers in SLS verification - bug with stiffness criterion (vibrations) for continuous beams fixed
29.07.2015	3.6 a		- NullpointerException at VibrationCalculatorEN fixed
30.11.2015	4.0	Compression perpendicular to grain	- bug in detail view according to DIN 2010 fixed
			- implementation of DIN 2013 - bug when displaying the help fixed - k_{mod} values according to ON B 2014 adjusted - bug when changing the calculation method fixed - bug at buckling fixed
02.12.2015	4.0 a	CLT-Plate 1D - Internal forces	- saving problem and locale problem solved
09.12.2015	4.0 b		- Haas layups removed
22.12.2015	4.0 c	Full version	- problem with layer selection for user-defined cross sections fixed
31.03.2016	4.0 d	Decker, Derix	- problem with decimal format in case of vibrations solved
31.03.2016	5.0	Full version, Hasslacher, MM	- problem with decimal format in case of vibrations solved - Module "Ribbed slab" implemented
06.04.2016	4.0 e	Decker, Derix	- bug with the loads after file opening fixed - deleting of results if support width is changed
06.04.2016	5.0 a	Full version, Hasslacher, MM	- bug with the loads after file opening fixed - deleting of results if support width is changed
01.08.2016	5.0 b	Full version, Hasslacher, MM	- bug with preferences after file opening fixed - bug at ribbed slab with different GLT strength classes fixed - calculation of in-plane shear stiffness and twisting stiffness according to ON B 1995-1-1:2015
01.08.2016	4.0 f	Decker, Derix	- bug with preferences after file opening fixed - calculation of in-plane shear stiffness and twisting stiffness according to ON B 1995-1-1:2015

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24.05.2017	6.0		- bug at shear stiffness of ribbed slabs fixed - compression perpendicular to grain to one-sided load application extended - ribbed slab: bug with too small GLT beam height fixed - structural fire design: bug when reading the file (charring rate, heat resistant and side bonded) fixed - Module CLT-Plate loaded in plane: fire update problem fixed - Module "Horizontal load distribution on shear walls" - Module "Stiffness matrix" - Extension "Concentrated loads" - Products of Cross Timber Systems implemented - Products of Decker removed - PDF-Export of detailed results - vibration check on cantilevers
07.06.2017	6.1		- products of Decker implemented
04.07.2017	6.2	Horizontal load distribution on shear walls - Full version, Hasslacher	- display bug as well as a save/open problem when adding walls fixed
10.07.2017	6.3	Full version, all company versions	- linkMaterial=true - remember material selection if new product from the same company is selected
17.07.2017	6.4	Full version, all company versions	- bug fixed when opening module "internal forces" with respect to the cross section in case of fire - fixed bug when opening a file in respect to rotated products - preferred cross sections removed
01.09.2017	6.5	Full version, all company versions	- bug with user-defined combination coefficients fixed - bug in module "CLT-Plate loaded in-plane" - fire cross section and pdf report as well as saving - fixed
25.10.2017	6.6	Full version, all company versions	- KLH layups updated - NA NL - NL - compression perpendicular to grain: limits for $k_{c,90}$
21.12.2017	6.7	Full version, all company versions	- Hasslacher layups updated - Bug when defining a width in module "CLT-Plate 1D - continuous beam" - text field charring rate: value acceptance in case of loss of focus
22.12.2017	6.7.1	Full version, Hasslacher	- Hasslacher layups 7s and 8s updated
11.01.2018	6.7.2	Full version, Hasslacher	- Hasslacher layup 5s-150 added

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11.06.2018	6.8	Full version, all company versions	- optimization of layups - start calculation button in toolbar - Choice of language at first start - calculation of b_{ef} for ribbed slabs only when pressing the button - fire: calculation of t_a - bug shear stress in pdf report fixed - bug with the k_{def} values in the settings/preferences fixed - Material Derix-ETA added - k_{cr} for shear strength of material EN 338 and EN 14080 considered - ribbed slab - layer wise verification - layups Piveteaubois (HEXA2) - compression perpendicular to grain according to Brandner 2018
06.08.2018	6.9	Full version, all company versions	- bug in the output of the material parameters fixed - bug in the output of cross section values in case of fire for different calculation methods fixed - Gamma method - new ETA Hasslacher - NA FR - layups Piveteaubois (HEXA1)
19.09.2018	6.9.1	Full version, all company versions	- new logos Hasslacher and Derix - preferences: bug with selection of calculation method if gamma is not available, fixed
08.10.2018	6.10	Full version, all company versions	- layups best wood SCHNEIDER - pdf report: changes to the page layout - resources NL completed - utilization ratios in case of vibrations - bug in the display of utilization ratios in case of fire in the module "internal forces" fixed - bug in CSInputPanel in case of fire and automatic calculation fixed
23.10.2018	6.10.1	Full version, all company versions	- material Radiusholz (only available in the testing version) - Material allocation HEXA1 T - units in module "horizontal load distribution on shear walls" - Winst,Q instead of winst,G+Q for NA FR
07.11.2018	6.10.2	Full version, Derix	- logo Derix
08.11.2018	6.10.3	Full version	- material Binder
22.11.2018	6.10.4	Full version, all company versions	- w_fin and w_net,fin revised
14.12.2018	6.10.5	Full version, all company versions	- default setting for neglecting own weight g0 changed - bug with Gamma method, if Det=0 fixed
17.01.2019	6.10.6	Full version, all company versions	- Bug in SLS NA FR fixed

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29.01.2019	6.10.7	Full version, all company versions	- take over SLS limits in the settings (without pressing Enter) - translation FR - bug in wperm for vibrations according to DIN fixed
18.02.2019	6.10.8	Full version, all company versions	- Name of MM changed - cross section of Piveteaubois 3s 80 changed - translations FR revised - horizontal load distribution on shear walls: selection of producers implemented
11.03.2019	6.10.9	Full version, all company versions	- horizontal load distribution on shear walls: selection of center of rotation of a wall implemented - fixed bug when opening a Piveteaubois layup
01.04.2019	6.11	Full version, all company versions	- Binderholz removed - file open problems fixed
02.04.2019	6.11.1	Full version, all company versions	- cross section library edited - effektive width for the stiffness criterion EC5 edited (1m or room width, if < 1m)
23.05.2019	6.12	Full version, all company versions	- products KLH updated - material update for Stora Enso and Hasslacher - terms of use revised
27.05.2019	6.12.1	Full version, Hasslacher	- old material of Hasslacher removed
13.06.2019	6.12.2	Full version, Cross Timber Systems	- old material of Stora Enso removed - charring rate CTS changed to side bonded - update problem charring rate fixed
18.07.2019	6.12.3	Full version, all company versions	- revised terms of use FR - NA FR: w2 changed - amount of g1,k as fragil - Derix layups L100-5s, L110-5s, L120-5s added
27.09.2019	6.13	Full version, all company versions	- PDF report - problem with empty page after TOC fixed - material of KLH revised - MM - adjustment according to ETA (material and fire) - bug in charring rates after file opening fixed
16.10.2019	6.13.1	Full version, MM	- MM: ration board thickness to width t/a = 4, default calculation method GAMMA
07.01.2020	6.14	Full version, Derix	- Derix: new ETA and layups, selection of adhesive PUR/MUF
03.02.2020	6.14.1	Full version	- selection of producers revised - material NORDIC-1950Fb-No.3 edited
13.02.2020	6.14.2	Full version, all company versions	- fixed bugs regarding fire data when switching producers
09.03.2020	7.0	Full version, all company versions	- module SHERPA CLT-Connector - material library
24.03.2020	7.0.1	Full version, Cross Timber Systems, Hasslacher, MM	- module ribbed slab: fixed bug when generating pdf report
01.05.2020	7.0.2	Full version	- best wood SCHNEIDER removed
11.05.2020	7.0.3	Full version, all company versions	- new certificate - fixed bug regarding cross-section library in case of fire
27.05.2020		Cross Timber Systems	- deleted
28.05.2020	7.0.4	Full version	- Cross Timber Systems removed - rho_mean of material Stora Enso changed

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13.07.2020	7.0.5	Full version, Cross Timber Systems	- Cross Timber Systems added
16.07.2020	7.0.6	Full version, all company versions	- fixed bug regarding shown results in detail for shear analogy & fire
25.09.2020	7.1	Full version, all company versions	- module continuous beam: fixed bug regarding concentrated loads near supports
03.12.2020	7.2	Full version, all company versions	- ETA-09/0036 of 2.9.2020 - Fire revised - fixed inconsistencies regarding ksys and 1/ksys - problem with gamma method using different materials in cross section solved - highlighting special layup Derix
18.12.2020	7.2.1	Full version, all company versions	- fixed bug in the pdf report regarding cross-section values
15.03.2021	7.3	Full version, all company versions	- Piveteaubois: changed densities - NA FR: ULS fire - additional combinations - Straightness factor β_c added to the settings - Hasslacher: new material CL26E11.8 according to ETA-12/0281 of 09.11.2020
04.06.2021	7.4	Full version, all company versions	- Cross Timber Systems removed - module CLT-Plate 1D - Internal forces: bug in cross-section values in pdf file fixed (with SAV and Gamma method) - Short summary - Hasslacher: layerwise material selection (for $t_l \geq 40$ mm CL26E11.8 and CL36E14.7 according to ETA-12/0281 of 09.11.2020 available) - Optimizer: Bug with temp file name under Windows fixed
22.07.2021	8.0	Full version	- module wall
10.12.2021	8.1	Full version, all company versions	- Decker: new layups - fixed bug showing fire details for company products after opening an old file - fixed bug in the pdf report when short cantilevers were neglected - fixed bug in the calculation of the shear stiffness of 3s in the weak direction - fire: user-defined values of minimum residual layer thickness enabled
16.12.2021	8.1.1	Full version	- fire & Piveteaubois: falling-off layers also in case of walls
20.12.2021	8.1.2	Full version, Hasslacher, MM	- module T-Beam: default material rib GL24h - EN 14080
28.06.2022	8.2	Full version, all company versions	- best wood SCHNEIDER included - module wall: bug fixed in calculation of n_{xy} torsion in case of fire - module continuous beam: bug fixed for SAV & fire & only 1 longitudinal layer and 1 cross layer - module CLT-Plate loaded in plane extended to Brandner & Dietsch et al. 2015 - modules ribbed slab and wall revised regarding speed

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20.07.2022	8.2.1	Full version, all company versions	- modules wall and plate loaded in plane: bug fixed for fire (falling off of charred layers, minimum thickness)
29.09.2022	8.3	Full version, all company versions	- fire: fixed bug when switching from company product to user-defined; added 2nd charring rate for Hasslacher
28.02.2023	8.3.1	Decker	- Upgrade company version: concentrated loads, wall without openings, horizontal load distribution on shear walls
12.07.2023	8.4	Full version, all company versions	- materials revised - Piveteaubois: shear wall proofs modified - NA FR: calculation of wfin - winst,G revised - pdf protection removed - module wall: kmod bug when switching languages fixed, display bug for boundary conditions after opening fixed, display problem of VM forces fixed, bug when updating buckling length factor fixed - preferences: calculation of self-weight with rho_mean of material set to default - fire: bug at pdf short summary fixed - module ribbed slab: bug at material of new glulam lamellas fixed, option "standard dimensions only" added - fire & Gamma method: fixed bug with external cross layers - module "internal forces": display bug of details after completely burned fixed - bug in interaction of CS & material libraries fixed - company version Derix: activation of additional modules
28.07.2023	8.4.1	Full version, all company versions	- bug with languages fixed - NA FR: calculation of wfin - winst,G revised
18.08.2023	8.4.2	Full version	- bug with ZSL-calculator and Piveteaubois products fixed
20.09.2023	8.4.3	Full version, all company versions	- NEN: WorkingLoadType.H set to SHORT - NEN: Vibrations - choice of requirements with WarningDialog - MM: additional layups - fire: bug after file opening fixed
29.09.2023	8.4.4	Full version, all company versions	- vibrations: normal requirements - bug when opening the file fixed
27.10.2023	8.4.5	Full version, all company versions	- wall: bug after opening and changing cross section fixed
06.12.2023	8.4.6	Full version, all company versions	- Continuous beam: calculation of bearing pressure synchronized with module compression perpendicular to grain - bug with material MM-C24 ETA 2023 and ksys fixed - Tab with supporting forces added and copy to clipboard included - modules internal forces, compression perp. to grain, plate loaded in plane, all, SHERPA CLT-Connector: default values of gammaM according to the settings - Derix & fire: 2nd charring rate for wall elements activated - stiffness matrix: export RFEM 6 (csv)