

BEAM EC3 - Update information

Version 1.2.1

1. Shear capacity for profile on form window corrected.

Version 1.2

2. Include rule updates until March 2015
3. RHS data (Ax) corrected for jumbo RHS 500x300x20
4. C-values for calculation of M_{cr} (lateral torsional buckling) is updated, specially C1-value for beam lateral loaded with fixed/fixed support
5. Font on forms changed to Arial
6. Definition of HSQ-beams changed to be based with h as profile height excluding bottom flange
7. Lateral torsional buckling is now as default based on ch 6.3.2.3 instead of 6.3.2.2.
8. Program adjusted to run on both 96 and 120 DPI screen resolution

Version 1.1.1

1. Corrected saving of data for general section

Version 1.1.0

1. Minor correction for effective section calculations
2. Radius for welded section $r = 0.4 \cdot t_w$, min 4 mm based on a minimum a3 weld

Version 1.0.7

1. Corrected saving of data for torsional buckling.

Version 1.0.6

1. Corrected saving of b2 of symmetric HSQ and Box unsymmetric.

Version 1.0.3

1. Revised values of loadfactors in printout for loadcombination 610.b and User defined loadfactors.