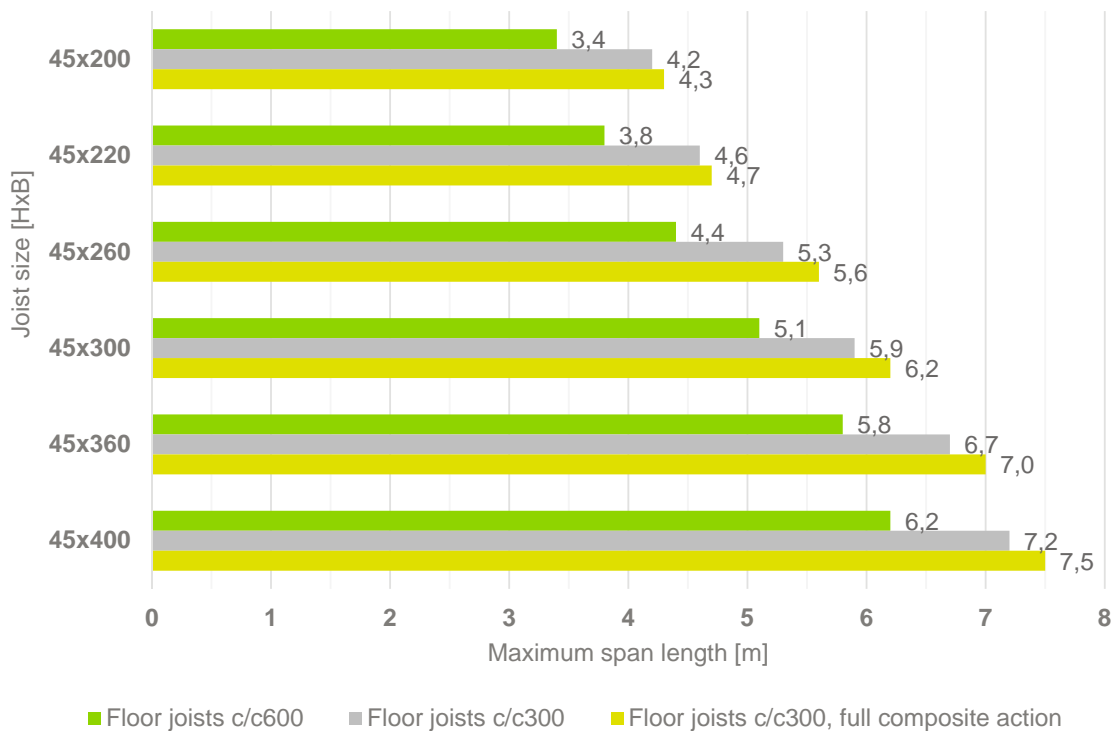


Kerto LVL S-beam joists for residential floor

19.11.2019



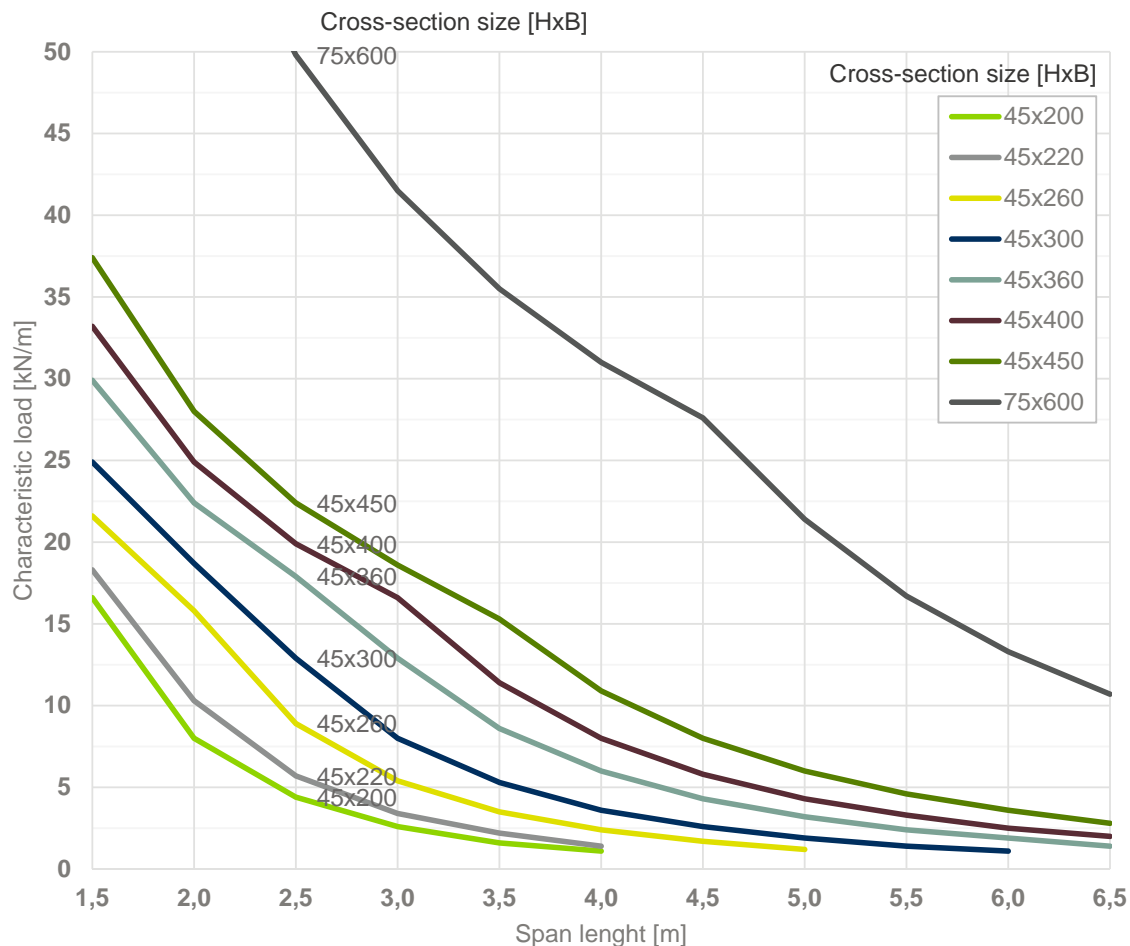
Notes:

- Calculation is done according to standard EN 1995-1-1 with National Annex of Sweden.
- Service class 1 or 2. The consequences class is CC2. The permanent load is 0,6kN/m².
- The partition wall load is 0,3kN/m². Support length is 45 mm or more. Chipboard (22mm) on top of joists.
- Blocking line at centre span, one line if span less than 4 m and otherwise two bracing lines c/c 1000mm.
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- All final structural design should always be done by qualified personnel.

Kerto LVL S-beam in residential floors

19.11.2019

Headers, lintels and primary beams



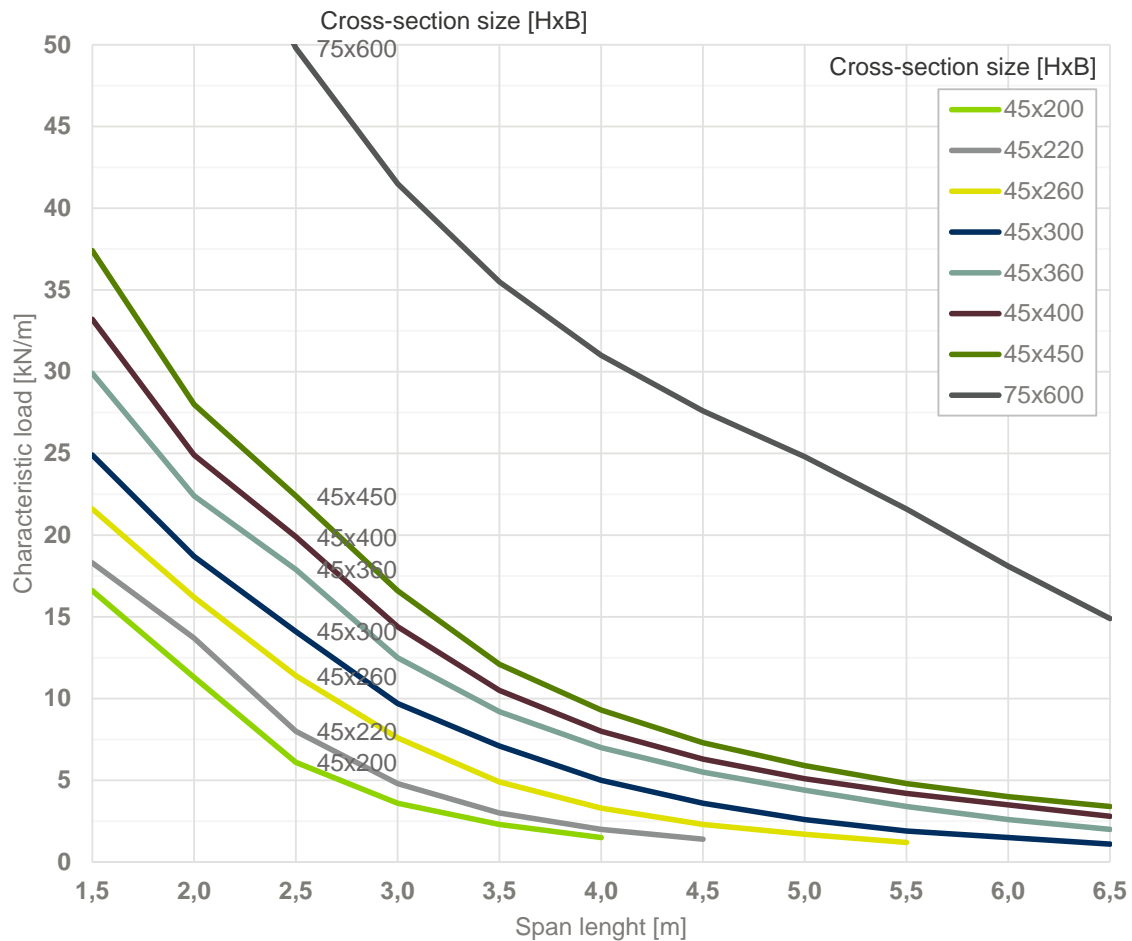
Notes:

- Calculation is done according to standard EN 1995-1-1 with National Annex of Sweden.
- Service class 1 or 2. The consequences class is CC2.
- The permanent load is 20% of the total characteristic load.
- The support length should be evaluated separately.
- Beam has a lateral torsional buckling supports at top surface with spacing not more than 600 mm and loads are located at the lateral torsional buckling supports.
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Kerto LVL S-beam in roofs

19.11.2019

Headers, lintels, ridge beams, primary beam and primary purlins

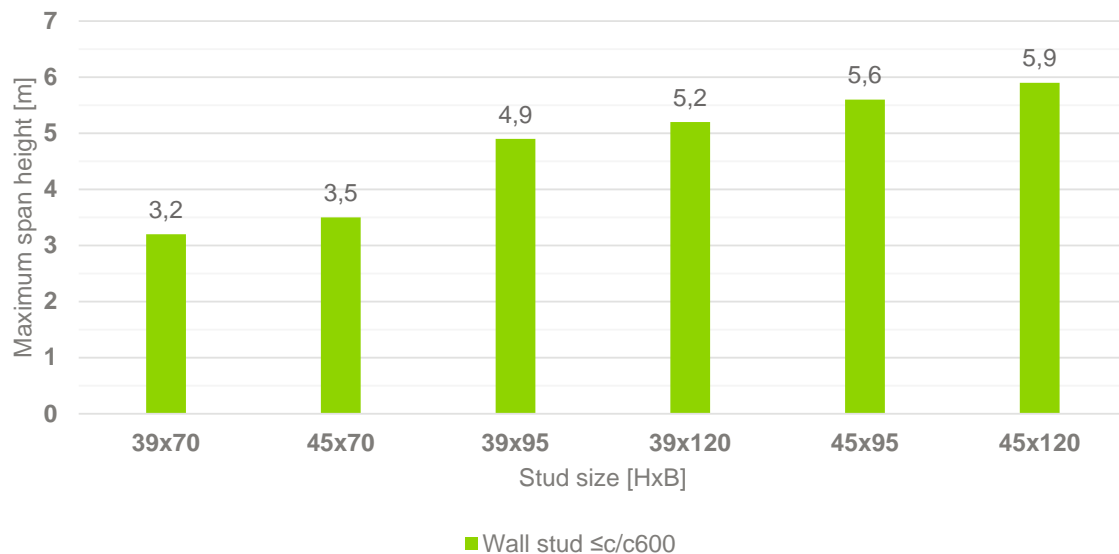


Notes:

- Calculation is done according to standard EN 1995-1-1 with National Annex of Sweden.
- Service class 1 or 2. The consequences class is CC2.
- The permanent load is 20% of the total characteristic load.
- The support length should be evaluated separately.
- Beam has a lateral torsional buckling supports at top surface with spacing not more than 1200 mm and loads are located at the lateral torsional buckling supports.
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Kerto LVL T-stud for non-load-bearing partition wall

19.11.2019



Notes:

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- Service class 1 or 2. The consequences class is CC2.
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- All final structural design should always be done by qualified personnel.