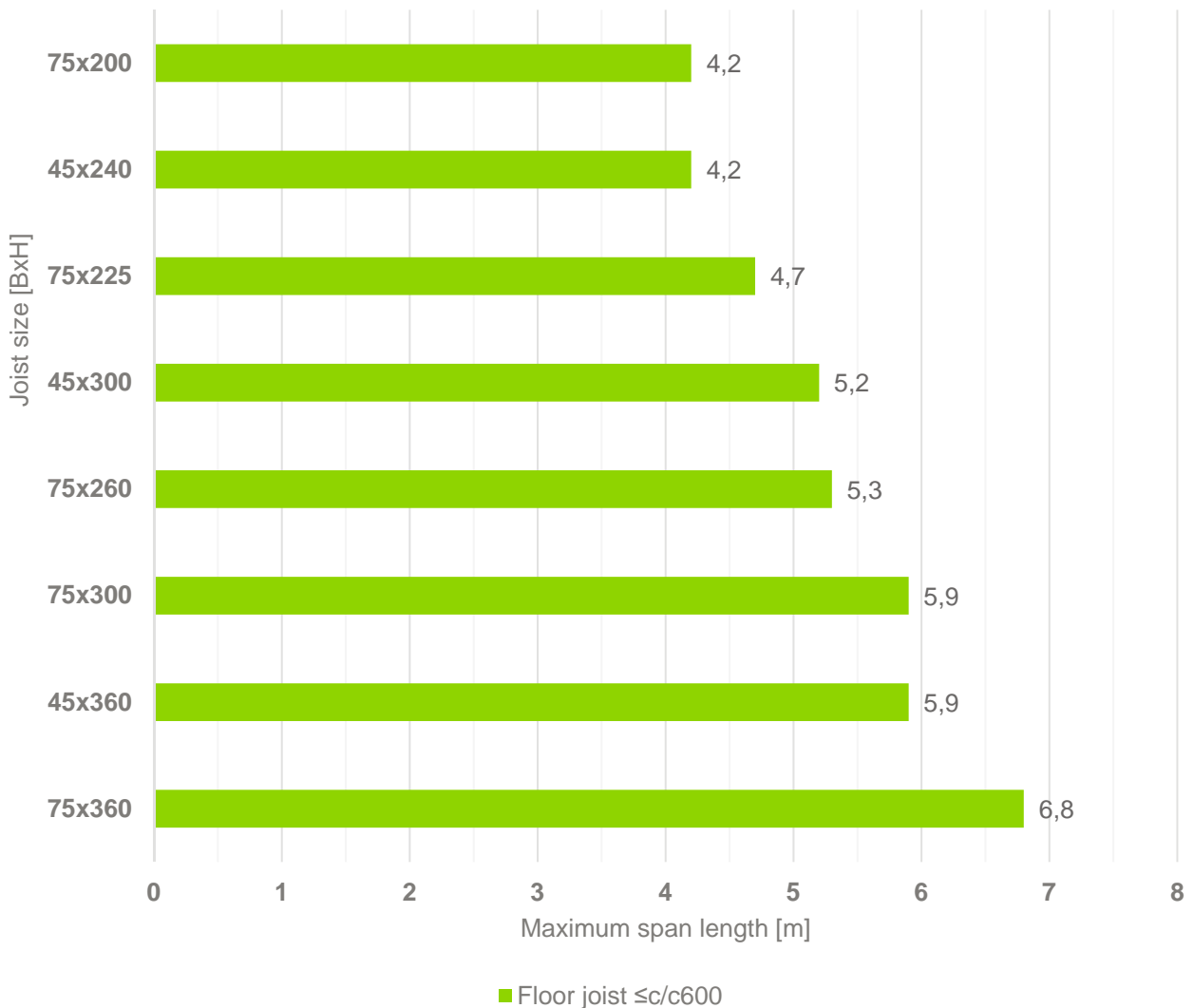


Kerto LVL S-beam joists for residential floor

08/07/2020



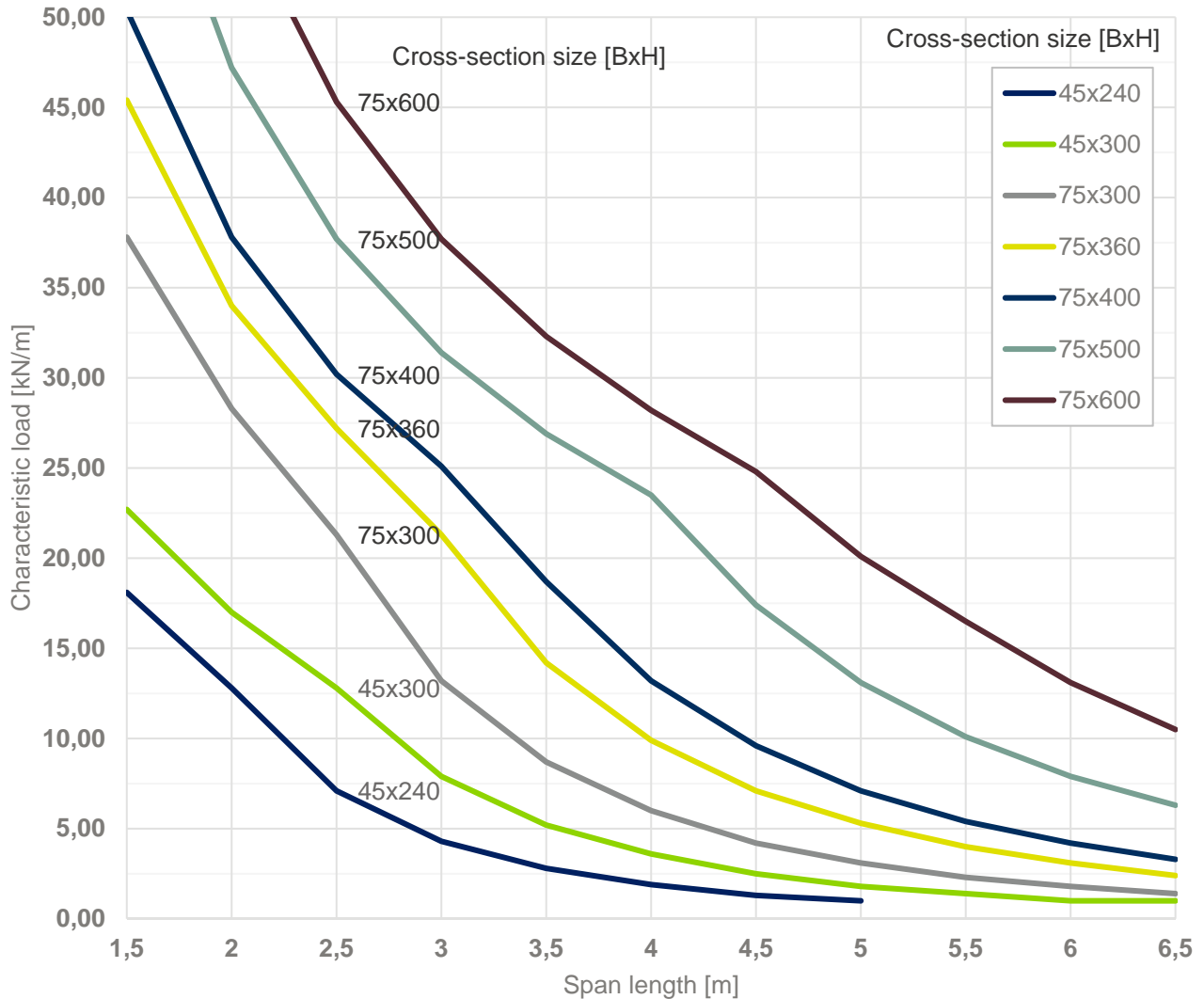
Notes:

- Calculation is done according to standard EN 1995-1-1 with National Annex of France.
 - Service class 1 or 2. The consequences class is CC2., load duration class is mid-term.
 - The permanent load is 0,5kN/m², live load is 1,5kN/m²
 - Partitions walls is 0,4kNm² and support length is 45 mm or more.
 - Vibration parameters set for domestic residential building.
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- All final structural design should always be done by qualified personnel.



Kerto LVL S-beam for residential floors Headers, lintels, primary beams, ridge beams

08/07/2020



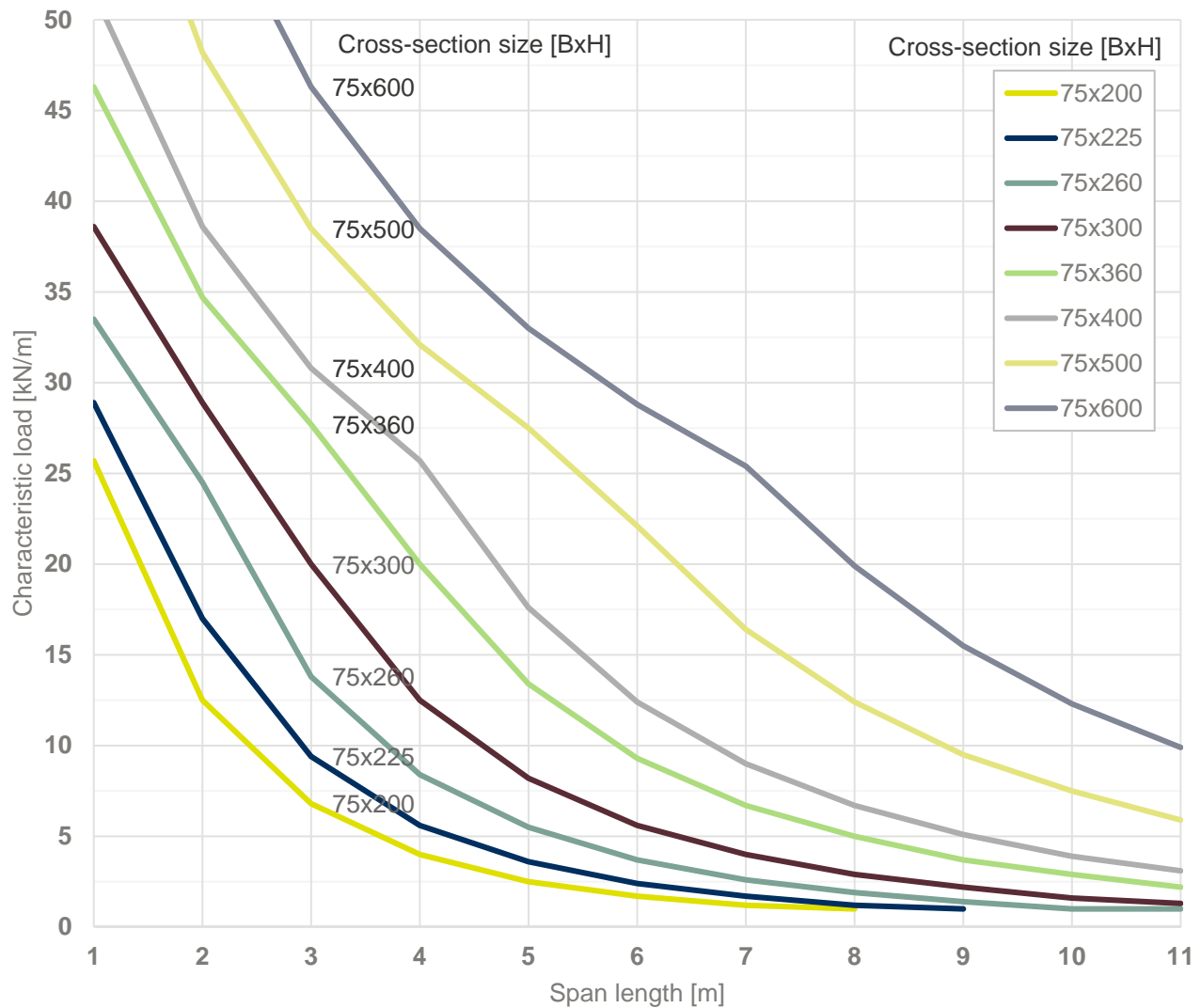
Notes:

- Calculation is done according to standard EN 1995-1-1 with National Annex of France.
- Service class 1 or 2. The consequences class is CC2., load duration class is mid-term.
- The permanent load is 40% 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.
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Kerto LVL S-beam in roofs

08/07/2020

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



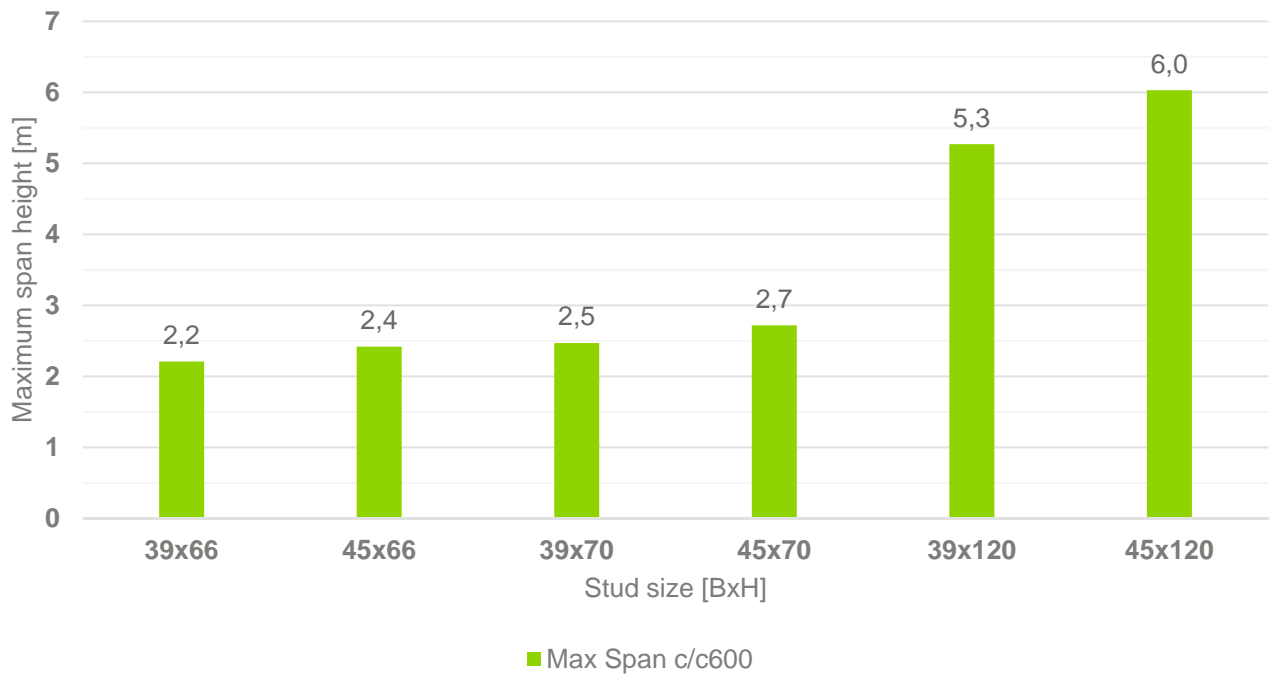
Notes:

- Calculation is done according to standard EN 1995-1-1 with National Annex of France.
- Service class 1 or 2. The consequences class is CC2., load duration class is short term.
- The permanent load is 60% 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 400 mm.
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- All final structural design should always be done by qualified personnel.



Kerto-LVL T-stud for non load-bearing partition wall

08/07/2020



Notes:

- Calculation is done according to standard EN 1995-1-1 with National Annex of France
- 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.