

Eurocode 5 span tables for solid timber members in floors, ceilings and roofs for dwellings

4th edition



BM TRADA's **Span tables** is a well-established **key resource** in timber specification and building. It is an **essential tool** for calculating the size of solid, softwood, timber members necessary to give adequate support to floors, ceilings and roofs in dwellings. It covers softwood species and grade combinations which satisfy strength classes C16 and C24.

Researched and written by the BM TRADA Engineering team, it is designed to supplement the England and Wales Approved Documents and is also applicable to timber design in other UK jurisdictions.

NEW edition includes:

Additional section of:

- **trimmer tables:** span tables for doubled-up trimmer and trimming joists, consistent with the permanent loading situations of the floor joists' tables

Rewrites for:

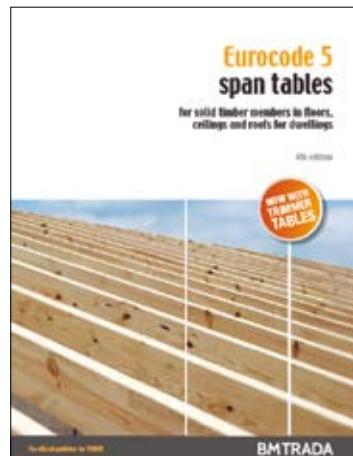
- **enhanced shear strength:** spans where shear is the governing criterion have been improved
- **enhanced bearing strength:** the bearing lengths required have reduced, which in turn increased the clear spans in some instances
- **changes to some section sizes:** an industry survey has prompted changes to the range of member sizes offered in the tables

Expanded tables:

- **expanded reactions and fastener tables** to be in line with the trimmer and trimming joist tables
- **increased number of tables:** now includes over 70 tables and 10 figures

Improved sections:

- on **how to use** the span tables
- **frequently asked questions** are addressed in the notes alongside the tables



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In the decade since TRADA's first publication of *Span tables*, it has become an essential purchase for the construction industry - from designers, specifiers and builders, through to surveyors and building control.

Eurocode 5 span tables for solid timber members in floors, ceilings and roofs for dwellings, 4th edition incorporates user feedback to ensure it better meets industry needs.

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5. Tables of sizes of ceiling members

6. Tables of sizes of pitched roof members

7 Tables of sizes of flat roof joists

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BM TRADA provides training courses to help understand the essentials of Eurocode 5. These are aimed at engineers, engineering technicians and anyone interested in the design and / or checking of timber structures to EC5

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