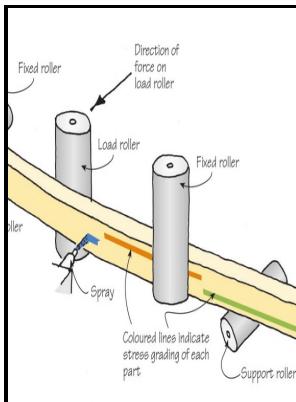


Visual stress grading of timber

T.R.A.D.A - A quick summary of timber strength grading



Description: -

- Timber -- Grading Visual stress grading of timber

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Notes: Notebook format.

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Visual Strength Grading Softwood Refresher

Strictly speaking, every piece of timber supplied for a structural application must have a CE certificate of conformity so that the finished building can gain building regulations approval.

Grading

As the strength class is assigned to sorted timbers and not individual pieces, grading therefore depends on grading rules and machine thresholds. Different limits on KAR apply for knots in the margin outer quarter of the wide face and for the centre central half of the wide face. The longer a board the more it will flex, thus less load it can take.

Strength groups and stress grades

In such moisture conditions most timber will attain an average moisture content not exceeding 12 %.

C16

Introduction to AS 2082 2. Timber grading is a process through which timbers with similar structural properties are sorted into different groupings. Introduction The notes below relate to the factors involved in designing structures using timber.

Visual Strength Grading Softwood Refresher

Strength class is usually specified with reference to EN338 e. But modern grading machines more commonly measure stiffness by the acoustic vibration method, allowing them to be much smaller and simpler. Can also be supplied sawn.

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