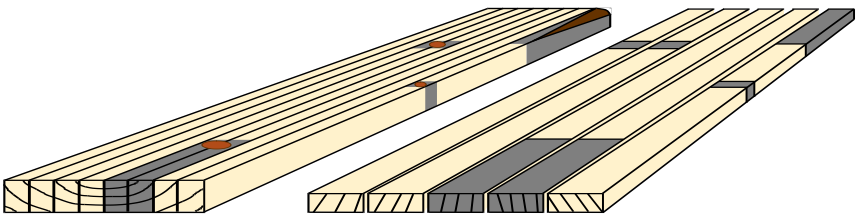


Ripped through and through to 1" stock
Minimum lengths 2' or longer
Measure to nearest whole inch
Poorest Face determines the grade



Cuttings	
Quality	Cuttings must be fine textured and clear
Rate of Growth	6 rings per inch
Slope of Grain	1 in 8
Unsound Wood	to be controlled for good merchandising
Wane	to be controlled for good merchandising
Knots - measurement	measure right up to grain distortion around knots and knot holes
Knots - Vertical Grain	knots appearing on the narrow face which do not show on the wide face must be considered as passing completely through the piece
Knots - Flat Grain	"read the grain" to detect where the knots run out on the hidden face

Grades	Factory Flitch	Shop Flitch
Faces Graded	Poorest Face determines Grade	
Waste Permitted	max 20%	max 40%
Cuttings	2' or longer	2' or longer
7' cuttings	Only in 12 ' or longer 40% of piece must be 7' or longer	N/A

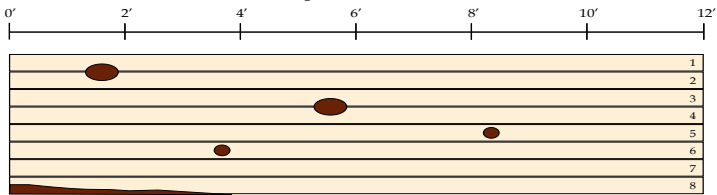
Measuring Recovery

1. It is usually easier to calculate waste rather than recovery
2. Calculate total lineal feet first - i.e. 8" x 10' piece - 80 lineal feet
3. Calculate 20% waste for Factory Flitch - 80 x 20% = 16 lineal feet
4. Double that number to get waste permitted for Shop Flitch (40% Waste)
5. If piece is 12' or longer then 40% of piece must yield 7' and longer cuttings and maximum 20% waste for Factory Flitch.

Quality and Sizes of Cuttings

Flitch Grades

- Cuttings are **clear** and must have:
 - Rate of growth = 6 rings per inch or better.
 - Slope of grain = 1 in 8 or better.
 - Minimum cutting length = 2'.
 - For flitches which are 12' or longer, 50% of the required cuttings must be 7' or longer in order to make the grade of Factory Flitch.
- Factory Flitch:
 - 80% recovery (20% waste).
 - After the piece has been cross cut to remove waste, there must be 80% usable cuttings left. (50% of piece)
 - Shop Flitch:
 - 60% recovery (40% waste).
 - After the piece has been cross cut to remove waste, there must be 60% usable cuttings left.



8" x 12' Flitch

* 96 lineal feet of 1" strips.
* 20% waste = 19.2 lineal feet, **therefore** there must be 76.8 lineal feet of usable cuttings. (96 - 19.2 = 76.8)
* 50% of those cuttings must be 7' or longer. (76.8 x 50% = 38.4)