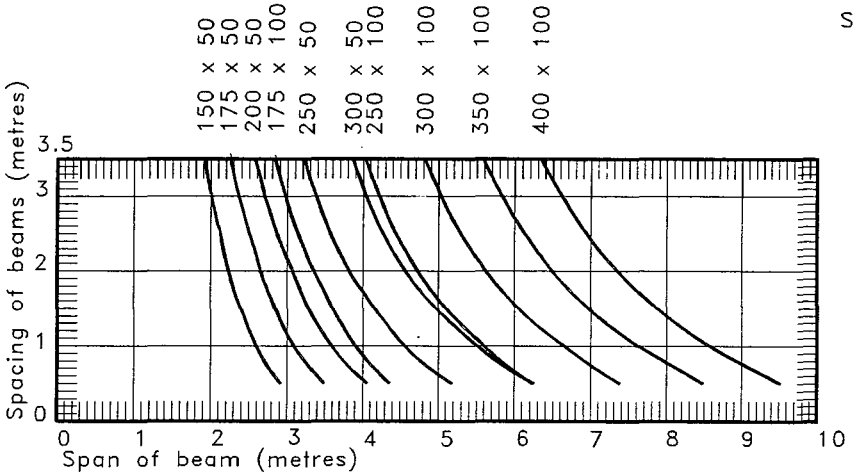
TIMBER FLOOR BEAMS

Unseasoned Sawn Softwood
Stress Grade F7

Dead Load 0.25 kPa
Live Load 0.25 kPa (Transient)
Deflection Limit 1 in 250
Simply Supported Single Span

Plotted for $k_2 = 1.0$

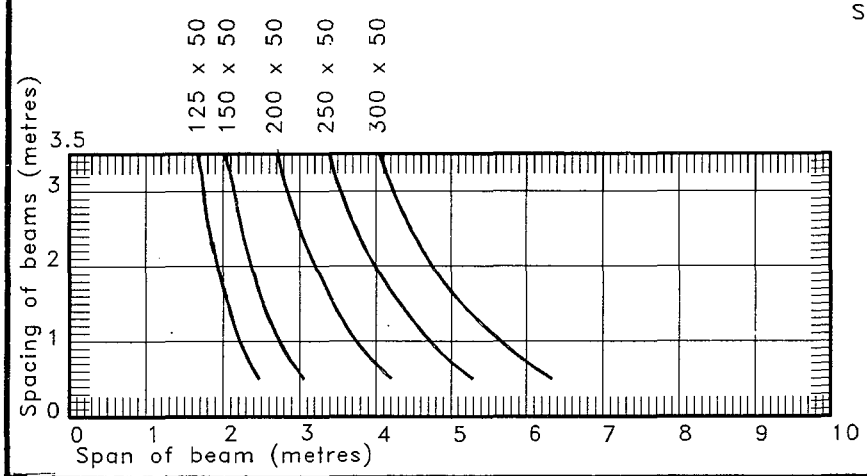


TIMBER FLOOR BEAMS

Unseasoned Hardwood
Stress Grade F8

Dead Load 0.25 kPa
Live Load 0.25 kPa (Transient)
Deflection Limit 1 in 250
Simply Supported Single Span

Plotted for $k_2 = 1.0$

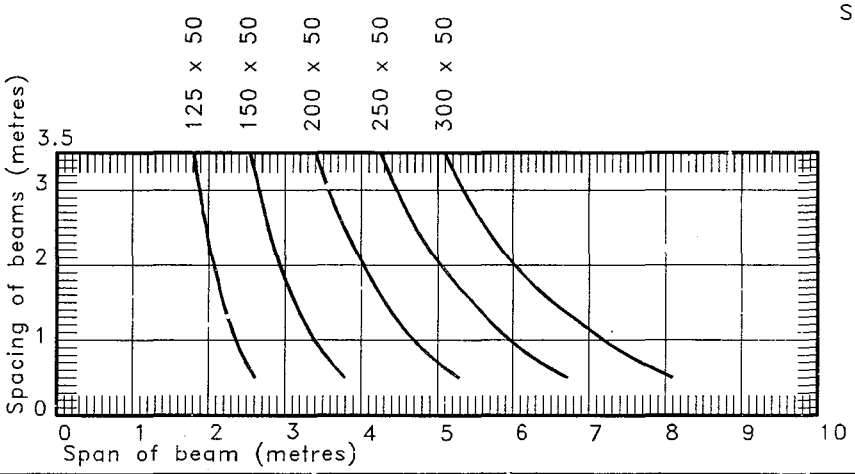


TIMBER FLOOR BEAMS

Seasoned Hardwood
Stress Grade F17

Dead Load 0.25 kPa
Live Load 0.25 kPa (Transient)
Deflection Limit 1 in 250
Simply Supported Single Span

Plotted for $k_2 = 1.0$

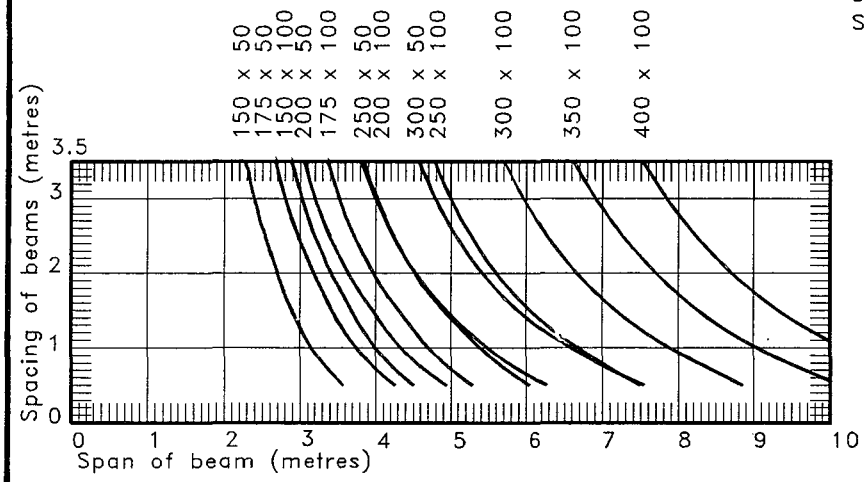


TIMBER FLOOR BEAMS

Unseasoned Sawn Softwood
Stress Grade F7

Dead Load 0.25 kPa
Live Load 0.25 kPa (Transient)
Deflection Limit 1 in 150
Simply Supported Single Span

Plotted for $k_2 = 1.0$

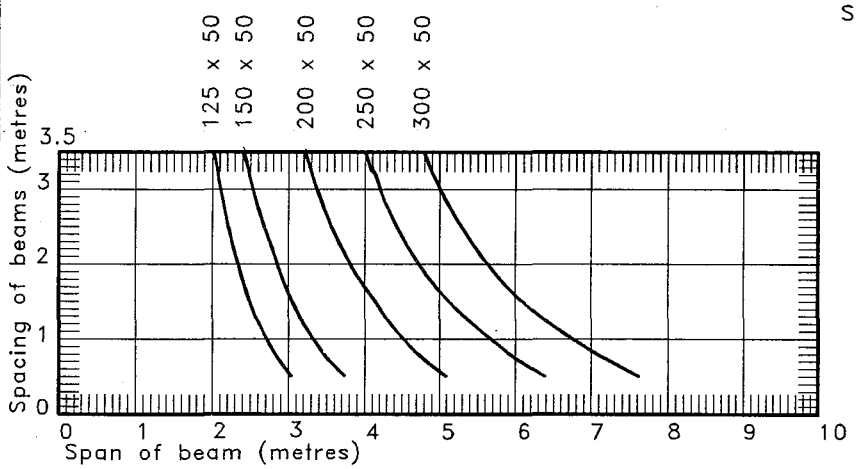


TIMBER FLOOR BEAMS

Unseasoned Hardwood
Stress Grade F8

Dead Load 0.25 kPa
Live Load 0.25 kPa (Transient)
Deflection Limit 1 in 150
Simply Supported Single Span

Plotted for $k_2 = 1.0$

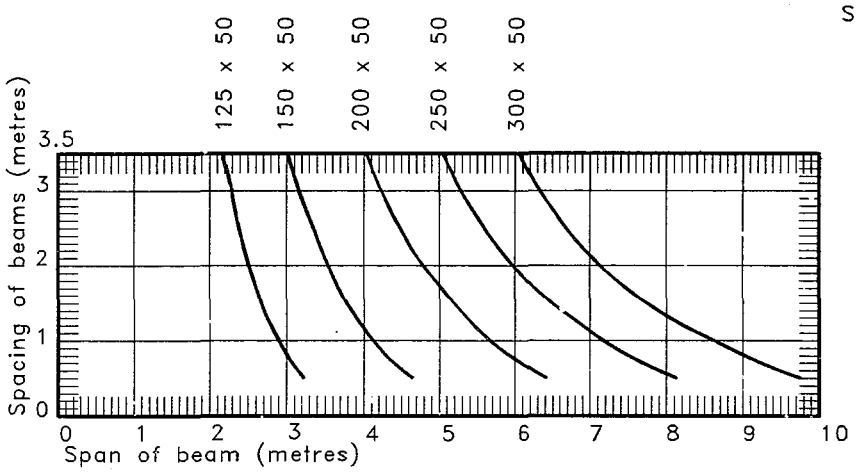


TIMBER FLOOR BEAMS

Seasoned Hardwood
Stress Grade F17

Dead Load 0.25 kPa
Live Load 0.25 kPa (Transient)
Deflection Limit 1 in 150
Simply Supported Single Span

Plotted for $k_2 = 1.0$

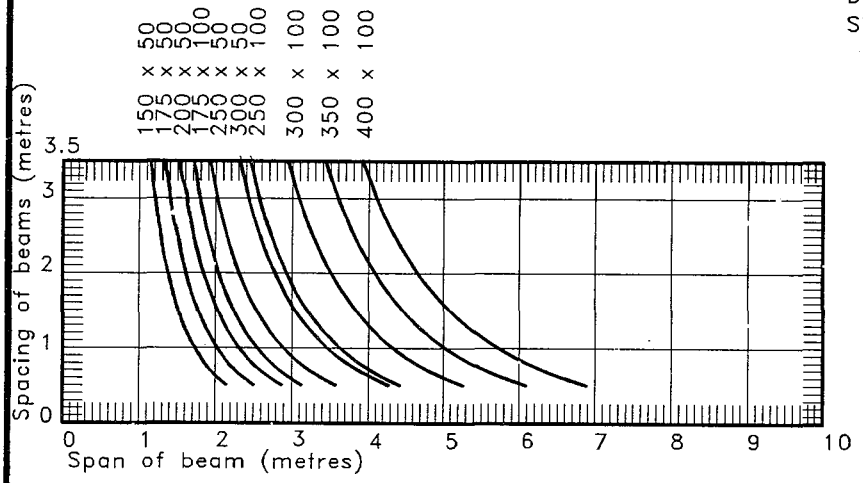


TIMBER FLOOR BEAMS

Unseasoned Sawn Softwood
Stress Grade F7

Dead Load 0.5 kPa
Live Load 1.5 kPa (Transient)
Deflection Limit 1 in 300
Simply Supported Single Span

Plotted for $k_2 = 1.0$
For $k_2 = 0.7$, some spans of 50mm timber at top of chart could be reduced by up to 10%

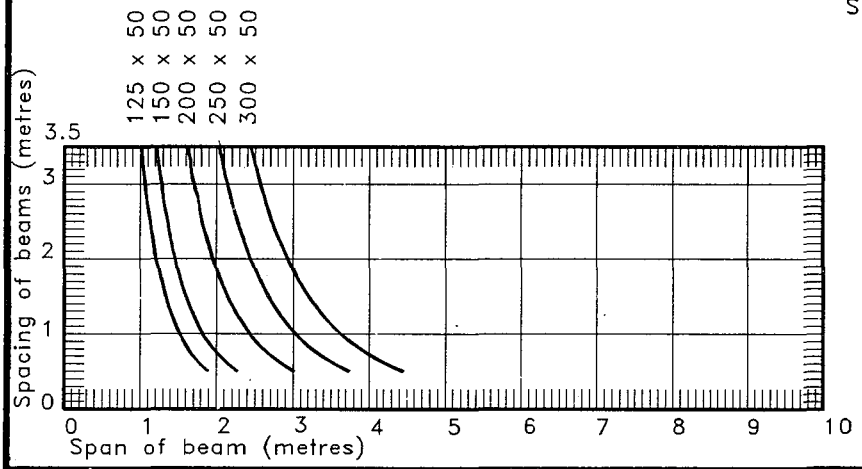


TIMBER FLOOR BEAMS

Unseasoned Hardwood
Stress Grade F8

Dead Load 0.5 kPa
Live Load 1.5 kPa (Transient)
Deflection Limit 1 in 300
Simply Supported Single Span

Plotted for $k_2 = 1.0$

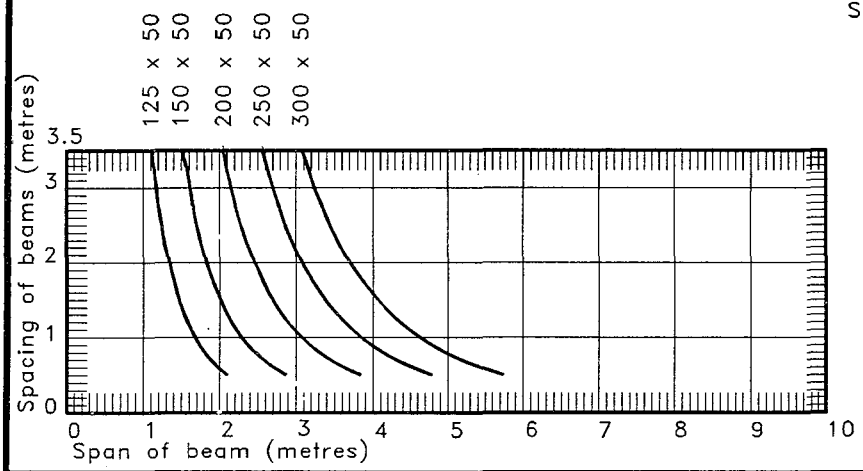


TIMBER FLOOR BEAMS

Seasoned Hardwood
Stress Grade F17

Dead Load 0.5 kPa
Live Load 1.5 kPa (Transient)
Deflection Limit 1 in 300
Simply Supported Single Span

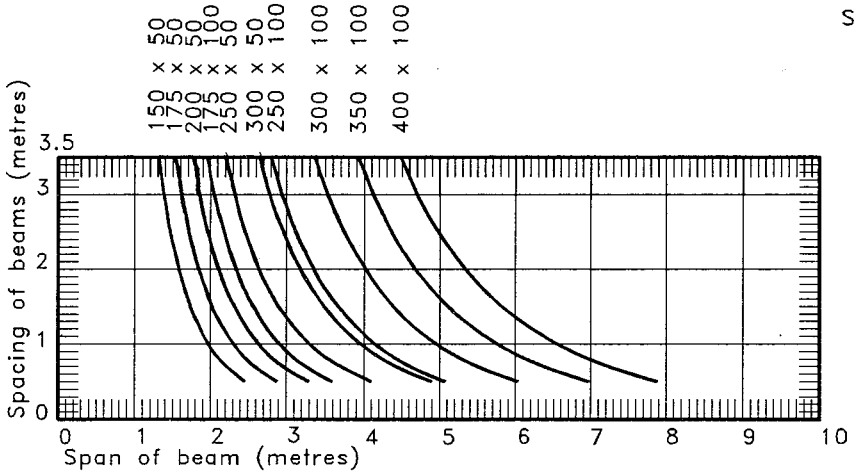
Plotted for $k_2 = 1.0$



TIMBER FLOOR BEAMS

Unseasoned Sawn Softwood
Stress Grade F7

Dead Load 0.5 kPa
Live Load 1.5 kPa (Transient)
Deflection Limit 1 in 200
Simply Supported Single Span

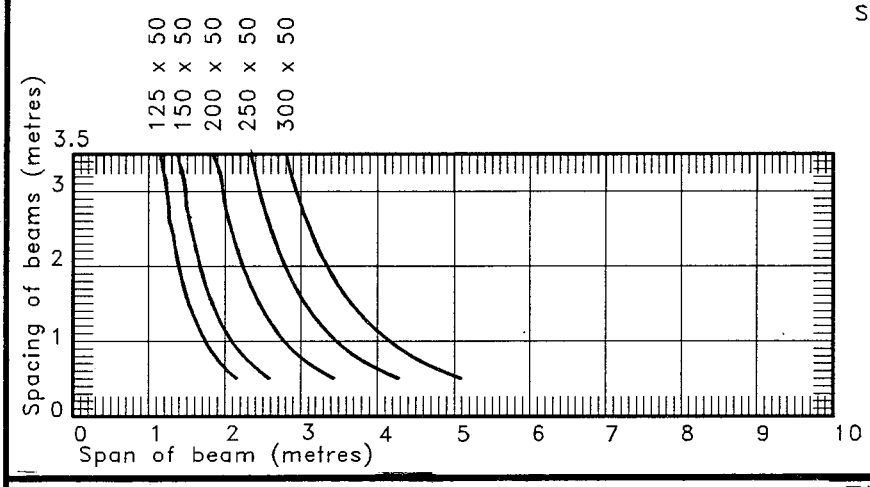


Plotted for $k_2 = 1.0$
For $k_2 = 0.7$, some spans of 50mm timber at top of chart could be reduced by up to 22%

TIMBER FLOOR BEAMS

Unseasoned Hardwood
Stress Grade F8

Dead Load 0.5 kPa
Live Load 1.5 kPa (Transient)
Deflection Limit 1 in 200
Simply Supported Single Span

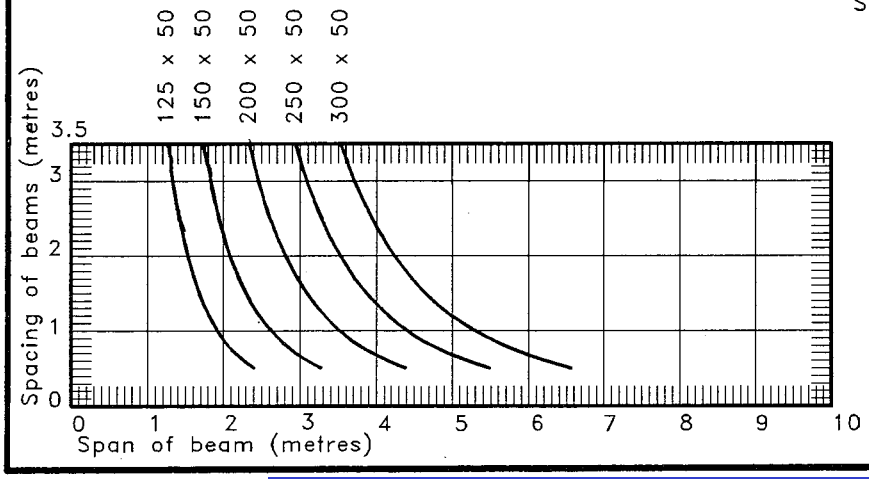


Plotted for $k_2 = 1.0$
For $k_2 = 0.7$, some spans of 50mm timber at top of chart could be reduced by up to 9%

TIMBER FLOOR BEAMS

Seasoned Hardwood
Stress Grade F17

Dead Load 0.5 kPa
Live Load 1.5 kPa (Transient)
Deflection Limit 1 in 200
Simply Supported Single Span

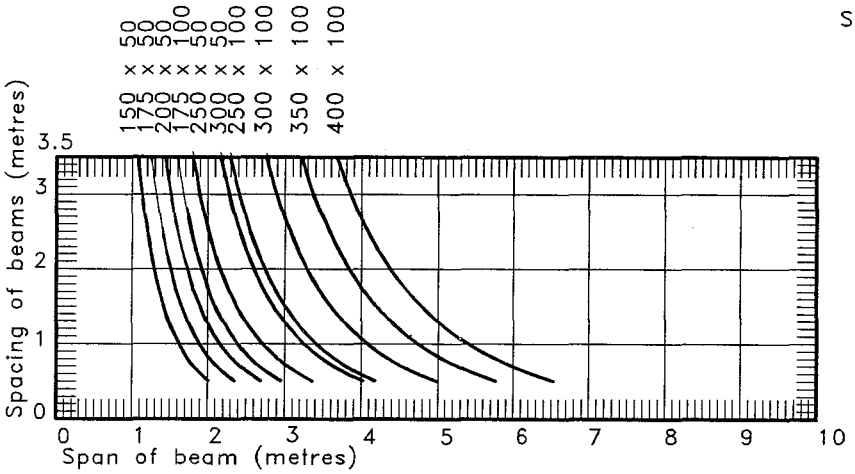


Plotted for $k_2 = 1.0$

TIMBER FLOOR BEAMS

Unseasoned Sawn Softwood
Stress Grade F7

Dead Load 0.5 kPa
Live Load 2.0 kPa (Transient)
Deflection Limit 1 in 300
Simply Supported Single Span

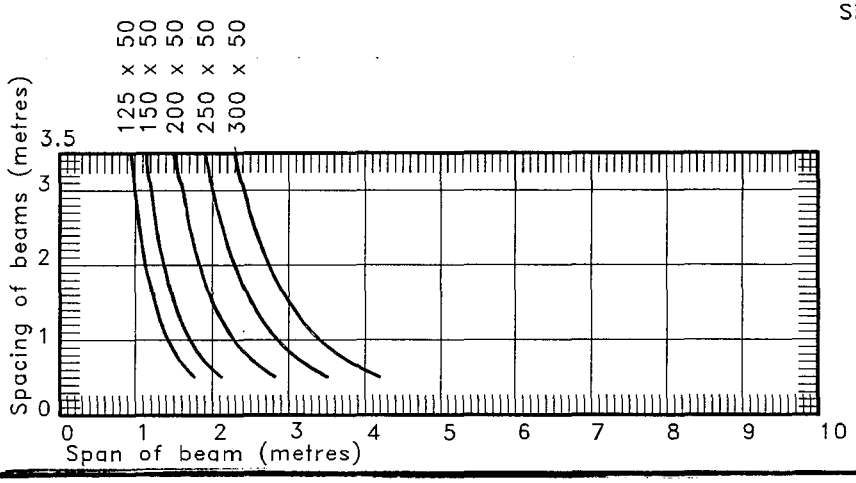


Plotted for $k_2 = 1.0$
For $k_2 = 0.7$, some spans of 50mm timber at top of chart could be reduced by up to 23%

TIMBER FLOOR BEAMS

Unseasoned Hardwood
Stress Grade F8

Dead Load 0.5 kPa
Live Load 2.0 kPa (Transient)
Deflection Limit 1 in 300
Simply Supported Single Span

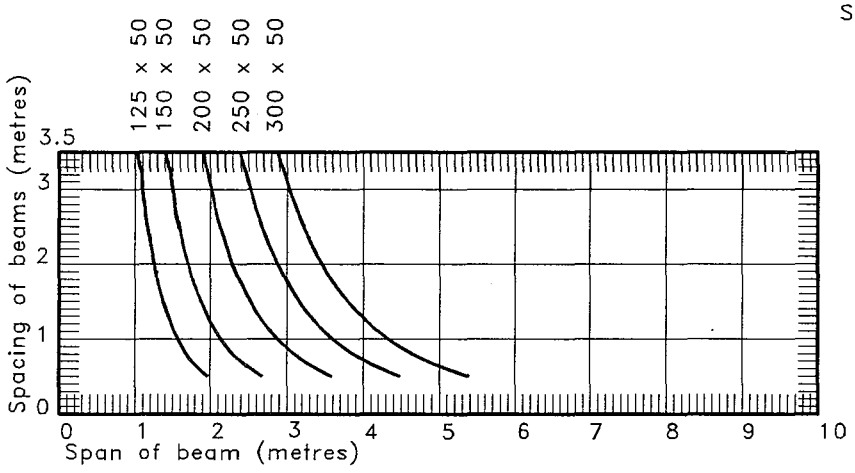


Plotted for $k_2 = 1.0$
For $k_2 = 0.7$, some spans of 50mm timber at top of chart could be reduced by up to 9%

TIMBER FLOOR BEAMS

Seasoned Hardwood
Stress Grade F17

Dead Load 0.5 kPa
Live Load 2.0 kPa (Transient)
Deflection Limit 1 in 300
Simply Supported Single Span

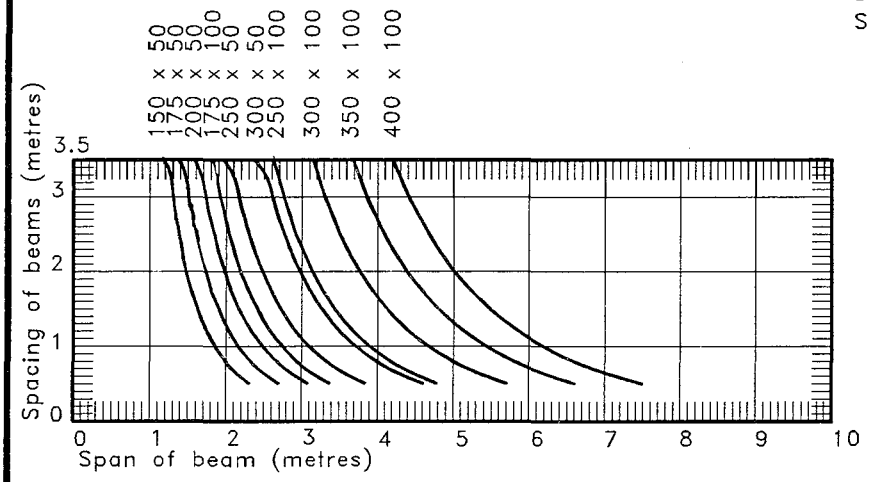


Plotted for $k_2 = 1.0$

TIMBER FLOOR BEAMS

Unseasoned Sawn Softwood
Stress Grade F7

Dead Load 0.5 kPa
Live Load 2.0 kPa (Transient)
Deflection Limit 1 in 200
Simply Supported Single Span

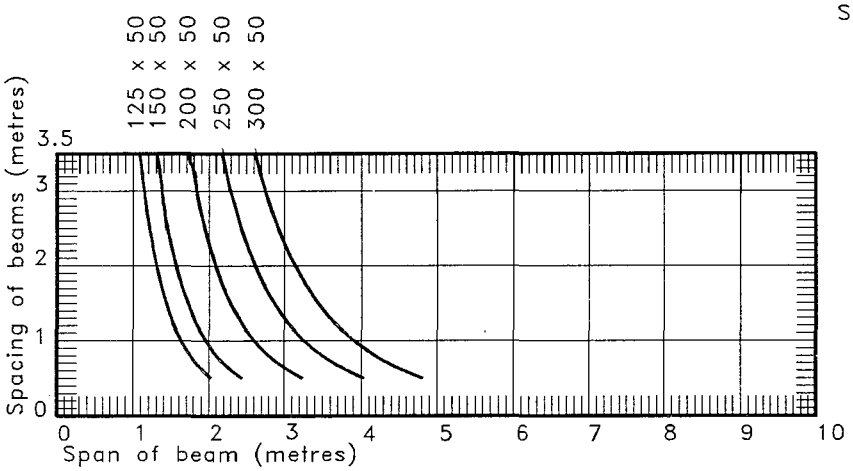


Plotted for $k_2 = 1.0$
For $k_2 = 0.7$, some spans of 50mm timber at top of chart could be reduced by up to 30%

TIMBER FLOOR BEAMS

Unseasoned Hardwood
Stress Grade F8

Dead Load 0.5 kPa
Live Load 2.0 kPa (Transient)
Deflection Limit 1 in 200
Simply Supported Single Span

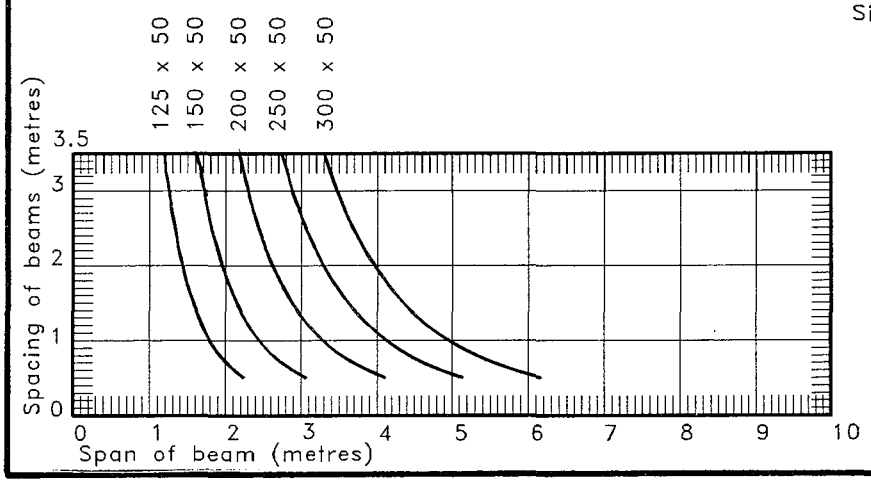


Plotted for $k_2 = 1.0$
For $k_2 = 0.7$, some spans of 50mm timber at top of chart could be reduced by up to 22%

TIMBER FLOOR BEAMS

Seasoned Hardwood
Stress Grade F17

Dead Load 0.5 kPa
Live Load 2.0 kPa (Transient)
Deflection Limit 1 in 200
Simply Supported Single Span

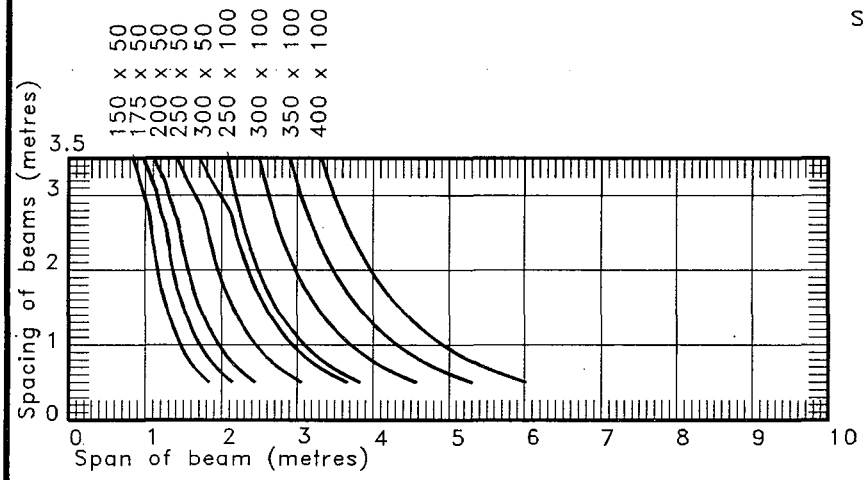


Plotted for $k_2 = 1.0$

TIMBER FLOOR BEAMS

Unseasoned Sawn Softwood
Stress Grade F7

Dead Load 0.5 kPa
Live Load 3.0 kPa (Transient)
Deflection Limit 1 in 300
Simply Supported Single Span

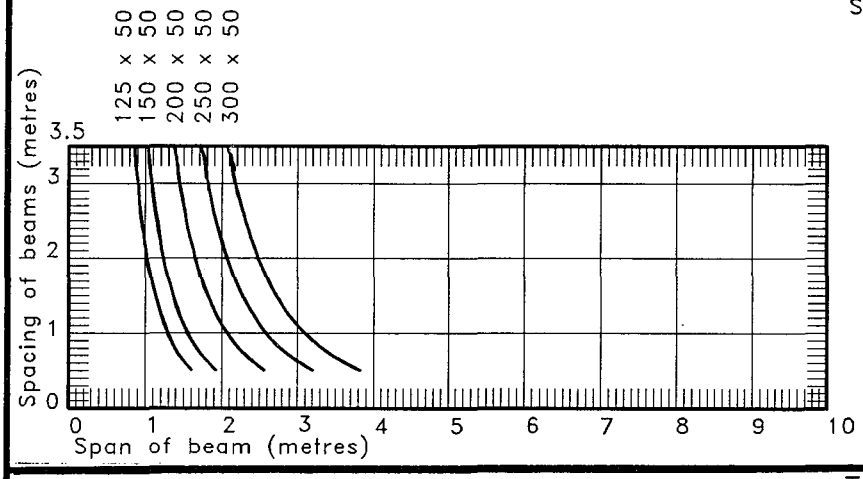


Plotted for $k_2 = 1.0$
For $k_2 = 0.7$, some spans of 50mm timber at top of chart could be reduced by up to 30%

TIMBER FLOOR BEAMS

Unseasoned Hardwood
Stress Grade F8

Dead Load 0.5 kPa
Live Load 3.0 kPa (Transient)
Deflection Limit 1 in 300
Simply Supported Single Span

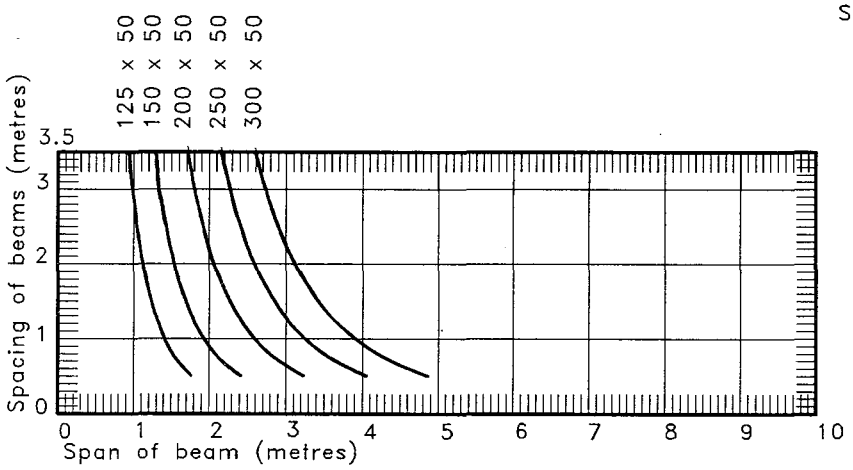


Plotted for $k_2 = 1.0$
For $k_2 = 0.7$, some spans of 50mm timber at top of chart could be reduced by up to 28%

TIMBER FLOOR BEAMS

Seasoned Hardwood
Stress Grade F17

Dead Load 0.5 kPa
Live Load 3.0 kPa (Transient)
Deflection Limit 1 in 300
Simply Supported Single Span

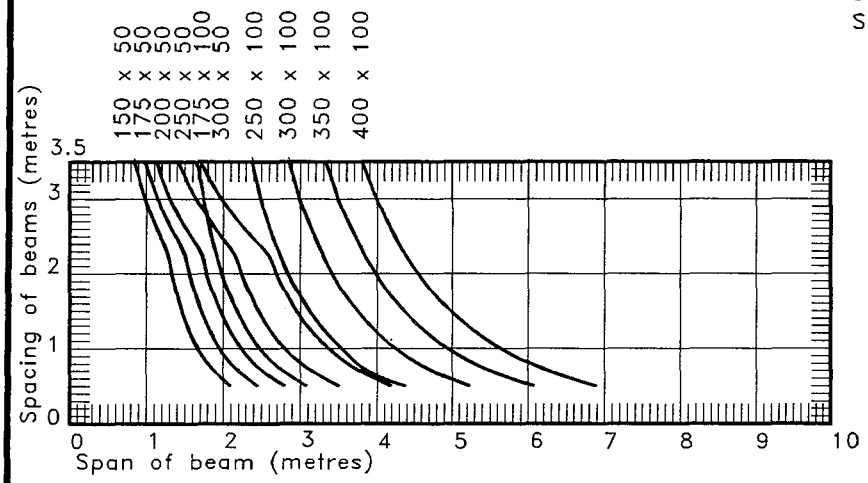


Plotted for $k_2 = 1.0$
For $k_2 = 0.7$, some spans of 50mm timber at top of chart could be reduced by up to 8%

TIMBER FLOOR BEAMS

Unseasoned Sawn Softwood
Stress Grade F7

Dead Load 0.5 kPa
Live Load 3.0 kPa (Transient)
Deflection Limit 1 in 200
Simply Supported Single Span

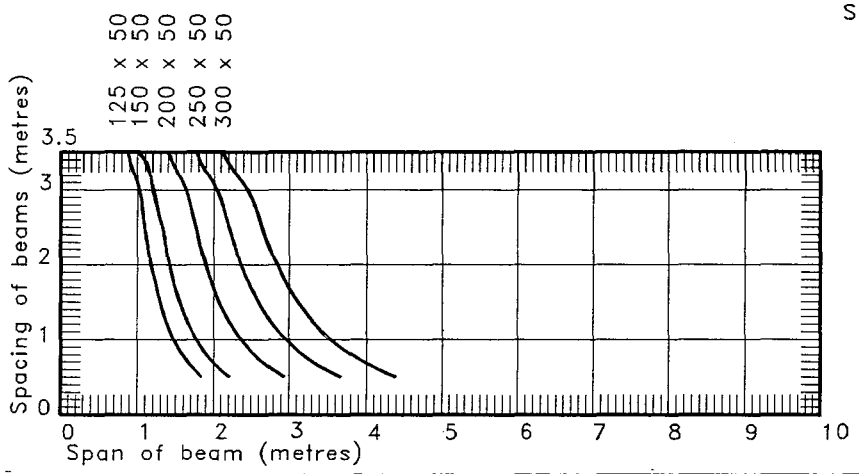


Plotted for $k_2 = 1.0$
For $k_2 = 0.7$, some spans of 50mm timber at top of chart could be reduced by up to 30%

TIMBER FLOOR BEAMS

Unseasoned Hardwood
Stress Grade F8

Dead Load 0.5 kPa
Live Load 3.0 kPa (Transient)
Deflection Limit 1 in 200
Simply Supported Single Span

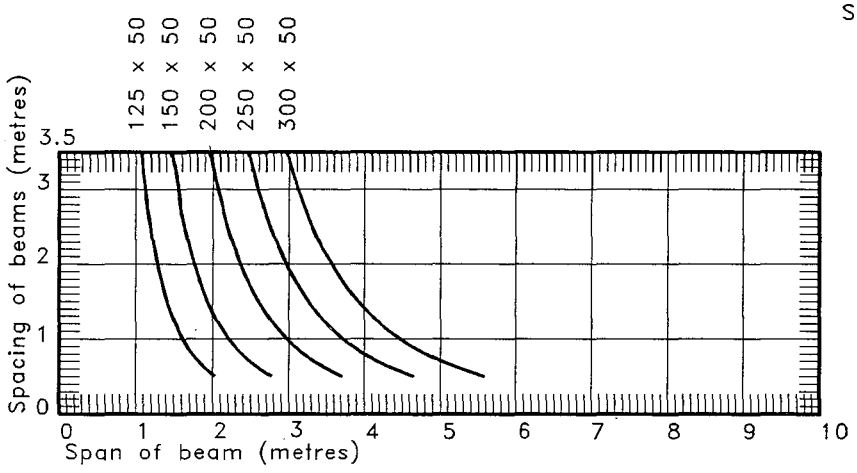


Plotted for $k_2 = 1.0$
For $k_2 = 0.7$, some spans of 50mm timber at top of chart could be reduced by up to 30%

TIMBER FLOOR BEAMS

Seasoned Hardwood
Stress Grade F17

Dead Load 0.5 kPa
Live Load 3.0 kPa (Transient)
Deflection Limit 1 in 200
Simply Supported Single Span

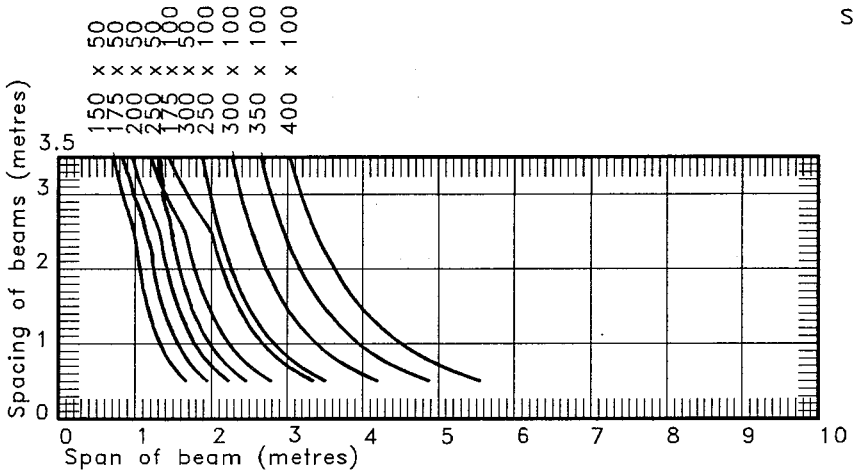


Plotted for $k_2 = 1.0$
For $k_2 = 0.7$, some spans of 50mm timber at top of chart could be reduced by up to 19%

TIMBER FLOOR BEAMS

Unseasoned Sawn Softwood
Stress Grade F7

Dead Load 0.5 kPa
Live Load 3.0 kPa (Storage)
Deflection Limit 1 in 300
Simply Supported Single Span

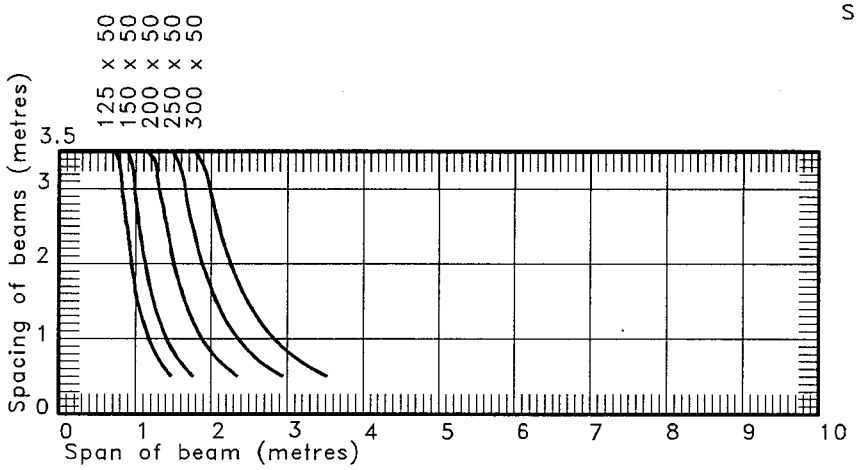


Plotted for $k_2 = 1.0$
For $k_2 = 0.7$, some spans of 50mm timber at top of chart could be reduced by up to 30%

TIMBER FLOOR BEAMS

Unseasoned Hardwood
Stress Grade F8

Dead Load 0.5 kPa
Live Load 3.0 kPa (Storage)
Deflection Limit 1 in 300
Simply Supported Single Span

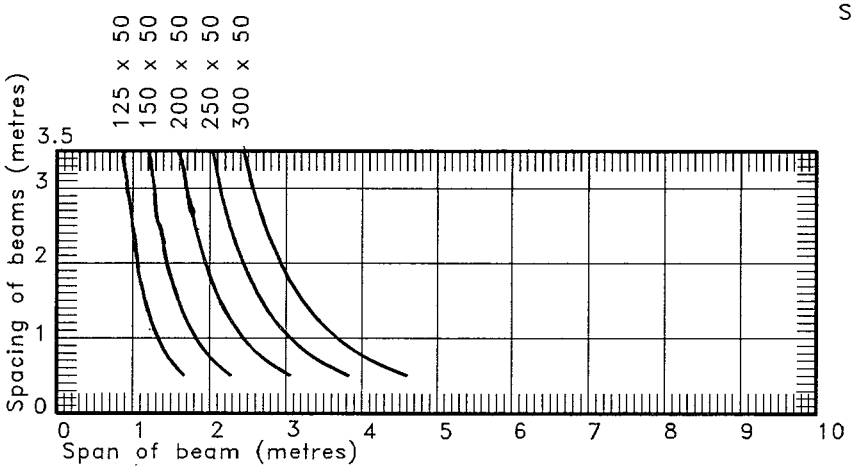


Plotted for $k_2 = 1.0$
For $k_2 = 0.7$, some spans of 50mm timber at top of chart could be reduced by up to 30%

TIMBER FLOOR BEAMS

Seasoned Hardwood
Stress Grade F17

Dead Load 0.5 kPa
Live Load 3.0 kPa (Storage)
Deflection Limit 1 in 300
Simply Supported Single Span

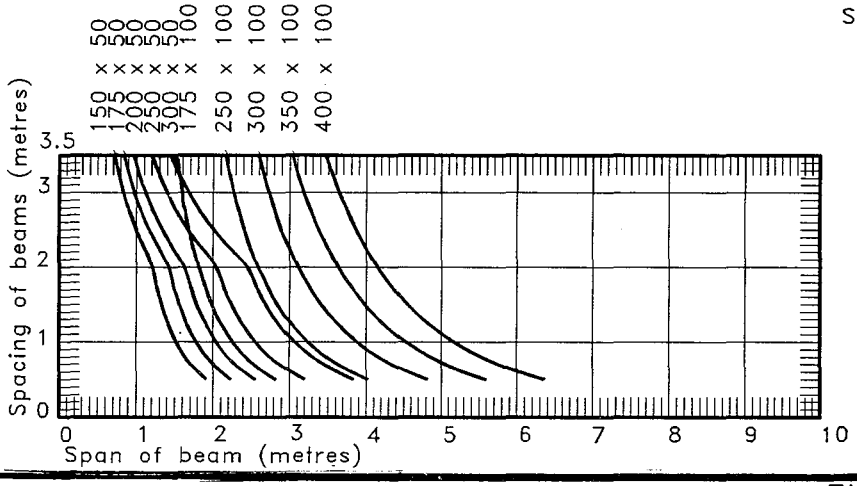


Plotted for $k_2 = 1.0$
For $k_2 = 0.7$, some spans of 50mm timber at top of chart could be reduced by up to 30%

TIMBER FLOOR BEAMS

Unseasoned Sawn Softwood
Stress Grade F7

Dead Load 0.5 kPa
Live Load 3.0 kPa (Storage)
Deflection Limit 1 in 200
Simply Supported Single Span

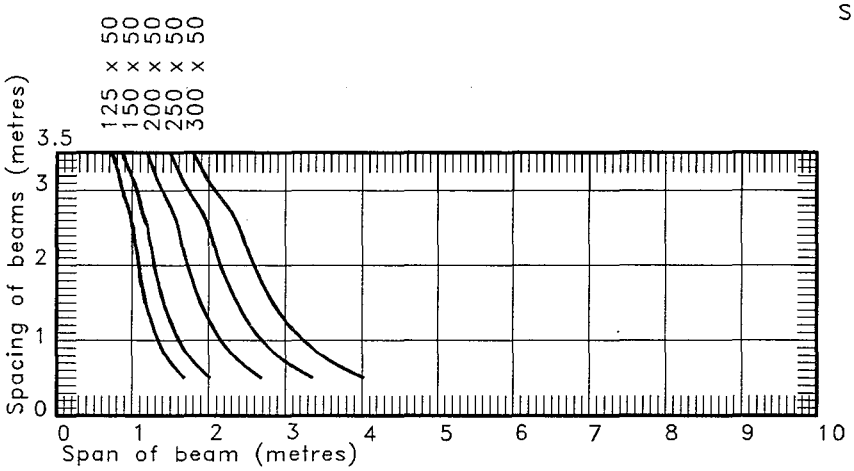


Plotted for $k_2 = 1.0$
For $k_2 = 0.7$, some spans of 50mm timber at top of chart could be reduced by up to 30%

TIMBER FLOOR BEAMS

Unseasoned Hardwood
Stress Grade F8

Dead Load 0.5 kPa
Live Load 3.0 kPa (Storage)
Deflection Limit 1 in 200
Simply Supported Single Span

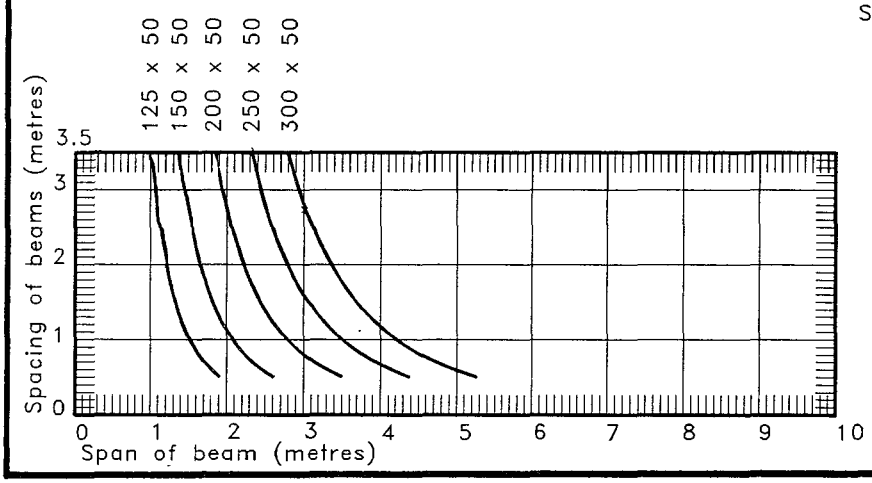


Plotted for $k_2 = 1.0$
For $k_2 = 0.7$, some spans of 50mm timber at top of chart could be reduced by up to 30%

TIMBER FLOOR BEAMS

Seasoned Hardwood
Stress Grade F17

Dead Load 0.5 kPa
Live Load 3.0 kPa (Storage)
Deflection Limit 1 in 200
Simply Supported Single Span



Plotted for $k_2 = 1.0$
For $k_2 = 0.7$, some spans of 50mm timber at top of chart could be reduced by up to 16%