

Strata Link-N-Lock[®]

Interlocking Support Crib

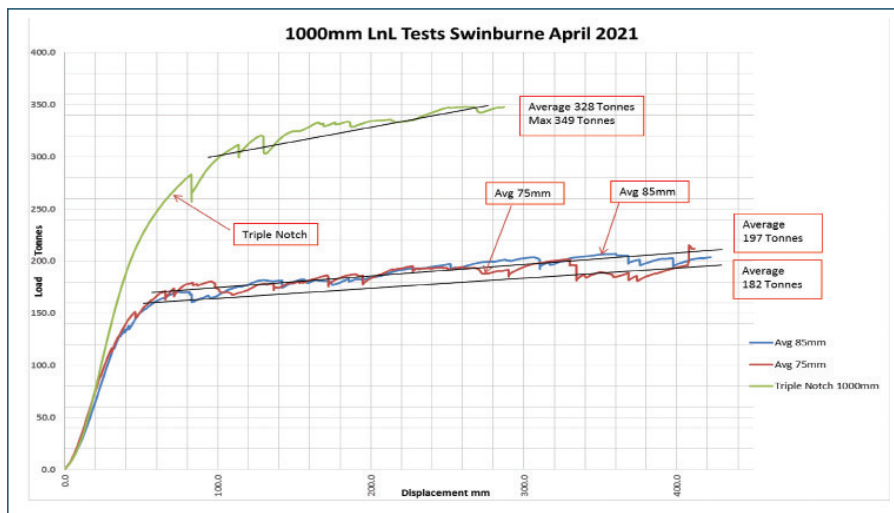
The Link-N-Lock[®] System is a unique interlocking timber crib that stacks up in layers. It is designed to replace four- and nine-point cribs in mining heights up to six metres*.

- The interlocking mechanism provides 100% contact between each layer of assembled timber blocks. As the length/width of the Link-N-Lock blocks increase, so does the strength and stability of the complete system
- Interlocking provides added stability, allowing higher aspect ratios than conventional cribbing
- System is extremely timber efficient, using 50% less timber than a conventional 4-point crib system while generating the same load into the roof
- Each Link-N-Lock timber is smaller, lighter and easier to handle than conventional 4-point crib blocks, resulting in significant savings in raw materials & labour, as well as improved manual handling, productivity and transport costs
- Link-N-Lock is manufactured entirely from mixed Australian hardwood species timber and is produced to AS 2082-2007
- Visually stress-graded for structural purposes to Structural Grade 4 as the standard
- High quality materials & largely automated manufacturing process guarantees uniform size and predictable performance
- Link-N-Lock System can be supplied in various pack configurations to suit individual mine seam heights & transport equipment specifications

* Not exceeding a 4:1 height-to-length ratio



SUPPORT TYPE	800 x 75	800 x 85	1000 x 75	1000 x 85	1000 x 75 TRIPLE NOTCH	1000 x 85 TRIPLE NOTCH
STIFFNESS	2.38t/mm	2.38t/mm	3.3t/mm	3.2t/mm	3.2t/mm	3.2t/mm
AVERAGE LOAD	159t	174t (Est)	182t	197t	297t (Est)	328t
PEAK LOAD	170t	180t (Est)	189t	206t	316t (Est)	349t
COMMENTS	Max Height of 3.0m Suggested	Max Height of 3.0m Suggested	Max Height of 4.0m Suggested	Max Height of 4.0m Suggested	Max Height of 4.5m Suggested	Max Height of 4.5m Suggested



FEATURES & BENEFITS

- Less timber per crib
- Each piece is lighter and easier to handle than conventional cogs
- 100% contact results in significant increase in load bearing capacity
- 100% timber utilization increases cost effectiveness
- The longer the unit length, the stronger the Link-N-Lock crib
- Interlocking design, maintaining a highly stable crib
- Consistent, predictable performance

SPECIFICATIONS

- Available in lengths from 800mm to 1500mm
- 9-Point Triple notch & 16-Point Quad notch units available for increased support load
- Available in 85mm wide x 150mm rise
- Pack configurations can be tailored to suit mine site requirements
- Mixed Australian Hardwood species timber & produced to AS 2082-2007
- Visually stress graded for structural purposes to Structural Grade 4 as the standard



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