FUQING LVL SCAFFOLDING PLANKS

30 300,000㎡ Manufacturing base

35 350,000㎥ Annual capacity

36 Years Experience in plate manufacturing

18 Years TOP 1 in export market

Core advantage: high-end LVL scaffolding manufacturer

- **Price**--Better quality at the same price, better price at the same quality
- **Production advantage**--The whole industry chain from rotary cutting to finished product
- **Service**--One to one technical guidance
- **Testing Capability**--Professional laboratory, testing equipment and methods

福庆® 福庆LVL

Office:Fuqing Shanghai
Address: No.2902 Room,166 Street,Minhong Road,Minhang District,Shanghai
Factory location in China:Fuqing Wood
Address:Changfu Road,Lanhong Village,Qingyihu Town,shuyang County,Jiangsu,China
Factory location in Vietnam:Fuqing Vietnam
Address:Heyi Village,shengxing town,Anping County,Yenbai Province,vietnam
Tel:0527-8063 3096
E-mail:postmaster@fuqingmuye.com
Web:http://www.fuqingmuye.com

FUQING LVL Scaffolding Specification

FUQING LVL Scaffolding Specification		
Species		Radiata pine/Masson pine/Larch
Dimensions	thickness	38/42/63mm
	width	225/230mm
	length	3/4/6m/customized

Glue	melamine/phenolic adhesive
Moisture	8-16%
MOE	7000-14000 Mpa
Surface treatment	Chamfered, painted sealed ends
Standard	OSHA 1926, AS/NZS 1577

Quality Control and Structural Verification

FUQING LVL Scaffolding is manufactured under the procedures of the OSHA 1926 standard.

Each FUQING LVL Scaffolding is individually proof tested to verify the strength of each plank exceeds the bending moment requirements for the working loads set out in the Live Load Duty Category Table .

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Scaffold Platform Duty Categories

The maximum span is calculated as the following intended load

Rated load capacity		Load point	Maximum intended load
Uniformly distributed load(UDL)	Light-duty	Uniformly distributed load within span	25psf
	Medium-duty	Uniformly distributed load within span	50psf
	Heavy-duty	Uniformly distributed load within span	75psf
Point load(PL)	One-person	Load at midspan	250lbs
	Two-person	A load of 250 pounds on each side 18 inches from midspan	500lbs
	Three-person	Load of 250 pounds on midspan and each side 18 inches from midspan (3 points)	750lbs

1psf=0.0478kN/m2; 1lbs=0.453kg; 1in=25.4mm

FUQING LVL Scaffolding Span and Load Tables

Span table

Scaffold platform duty categories(as per AS/NZS 1576&1577)

Live load duty category	Maximum span(m)	Working load limit(WLL)
Light duty	2.4	2.2kN(inc 1.2kN concentrated load)
Medium duty	2.0	4.4kN(inc 1.5kN concentrated load)
Heavy duty	1.8	6.6kN(inc 2.0kN concentrated load)

1kN is approximately 100kg

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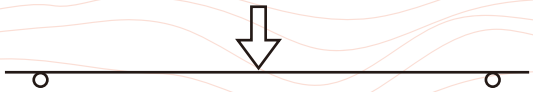
Load Table

Drawing of uniformly distributed load and point load

uniformly distributed load(UDL)	point load(PL)
Uniformly Distributed Load 	Point Load 
Application uniformly distributed	Application at one point

Storage and Maintenance Methods

A. Mold Growth

1.Clean and dry the affected boards.

2.Inspect for soft spots or signs of decay.

3.If no decay is found, conduct quality testing and return verified boards for repair.

B. Burn Marks

1.Conduct sample testing to assess repair feasibility.

2.If the defect cannot be removed, discard the board.

C. Saw Marks

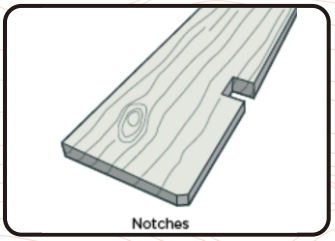
1.Trim to remove the defective area.

2.If the defect cannot be fully eliminated, discard the board.

D. Notches

1.Trim to remove the defect.

2.If removal is not possible, discard the board.



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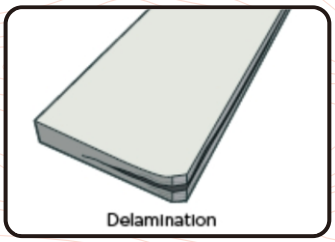
E. Delamination

Discard the board to prevent structural integrity issues.



F. End Splits

1.Surface cracks: No action required.

2.Through cracks: Require evaluation by a professional.

3.If the crack extends beyond the board width: Wrap or apply protective coating to the ends.

G.Forklift Damage

If side edges are damaged, discard the board immediately.

H. Warping

1.For cupping or warping, place the board in a dry environment for recovery.

2.If the original shape is not restored, further verification is required.

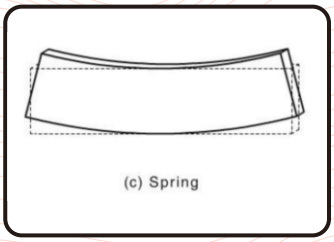
I. Discoloration

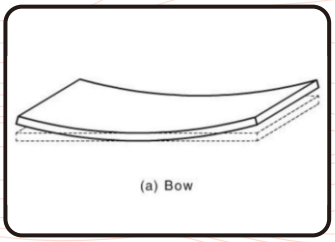
1.Mild discoloration: No action required.

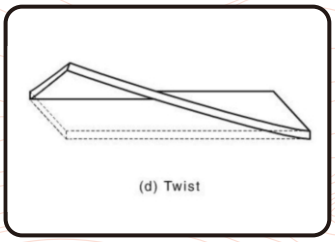
2.Severe discoloration: Requires quality assessment.

J. Bow, Crook, and Twist

Boards with these deformations must be evaluated before use.







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