

NP PLANK

LVL SCAFFOLD PLANK

SAFETY

NP PLANK is manufactured from NelsonPine LVL (Laminated Veneer Lumber). The structural uniformity of LVL makes it the perfect solution for a safe, lightweight scaffold plank. Each NP PLANK is made from many layers of thin veneer, which increases the reliability and strength of the product.

NP PLANK DATA: Section: 42mm x 230mm
Length: 3.0, 3.6 and 4.2 (as standard)
Unit Weight: 5.4 kg/m

RELIABILITY

Strength and Stiffness Verification

- Every NP PLANK is individually proof tested to twice the bending moment arising from AS/NZS 1576 Loading Requirements before being branded as a scaffold plank. The loading requirements are given in Table 1 below with maximum spans for each duty load as specified in the OSH approved Code of Practice.
- Modulus of Rupture and Modulus of Elasticity are frequently tested throughout the LVL Production run in accordance with the requirements of the Plywood Association of Australasia (PAA).

Branding of Product

- Each plank is permanently embossed with the following information: **NP PLANK, PROOF TESTED SCAFFOLD PLANK, PAA JAS-ANZ, Manufacturing Reference No.**

Scaffold Plank Finish

- Unsanded surface finish, arrised edges and square cut, paint sealed ends.

DURABILITY

TABLE I: Maximum Spans/Bay as specified in the OSH approved Code of Practice for Safe Erection and Use of Scaffolding

DUTY LIVE LOADS	MAXIMUM SPAN (m)	MAXIMUM WORKING LOADS/BAY (kN)
LIGHT DUTY	2.4	2.2kN (inc 1.0kN MAX POINT LOAD)
MEDIUM DUTY	2.0	4.4kN (inc 1.5kN MAX POINT LOAD)
HEAVY DUTY	1.8	6.6kN (inc 2.0kN MAX POINT LOAD)

1 kN equates to approximately 100 kg

SUSTAINABILITY

Applicable Design Standards

- AS/NZS 4357.1 : 2005 Structural Laminated Veneer Lumber.
- AS/NZS 1576.1:1995 Scaffolding Part 1 : General Requirements.
- Occupational Safety and Health (OSH) Service, Approved Code of Practice for the Safe Erection and Use of Scaffolding.
- SARNZ Best Practice Guidelines for Scaffolding.
- AS/NZS 4576 : 1995 Guidelines for Scaffolding Part 1 : General Requirements.

In Strength Service Test

- Two Impact Tests as described in AS/NZS 4576 : 1995 may be carried out on individual planks as a convenient method of assessing the suitability of a suspect plank.



