

LAMINATED POST & FENCE SYSTEM



GENLAM

A PRODUCT OF KLC LTD



ENGINEERED
STABLE
DURABLE

GENLAM LAMINATED POSTS AND FENCING SYSTEM

KLC's "GenLam" H4 Laminated Posts are manufactured using quality selected lengths of timber that are finger jointed together, H4 treated with MicroPro® treatment, kiln dried and then laminated together. These posts meet sound structural and compliant standards to comply with NZS3602, making them ideal for applications such as fence posts (in-ground and above ground), pergola posts and playground structures/equipment and playhouses.

PROUDLY MADE IN NZ BY



Naturally Better ■■■



GENLAM GL8 POSTS

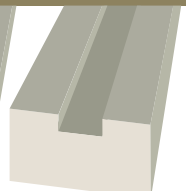
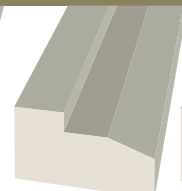
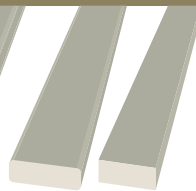
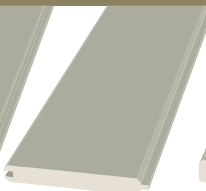
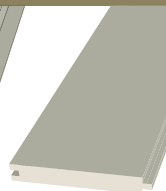
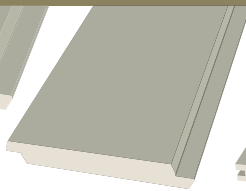
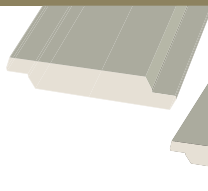
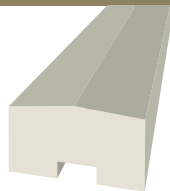
Post Size	MicroPro® Treatment	Lengths
88 x 88	H4	1.8, 2.1, 2.4, 2.7, 3.0, 3.6, 4.2, 4.8, 5.4, 6.0
112 x 112	H4	1.8, 2.4, 2.7, 3.0, 3.6, 4.2, 4.8, 5.4, 6.0
135 x 135	H4	1.8, 2.4, 2.7, 3.0, 3.6, 4.2, 4.8, 5.4, 6.0
185 x 185	H4	1.8, 2.4, 2.7, 3.0, 3.6, 4.2, 4.8, 5.4, 6.0

H4 treatment is suitable for exposure to weather and in-ground use

KEY FEATURES

KLC GenLam GL8 Posts have a quality finish, are structurally tested for strength and durability and are multi-purpose.

- Won't split or twist like solid timber posts
- Suitable for in-ground or above ground use
- GenLam Posts provide an incredibly strong, durable and visually pleasing option for fence posts, pergolas, playground structures/equipment and playhouses
- The MicroPro® treatment system is a water-borne, copper-based biocide preservative system. Applied to the wood using a high pressure treatment process, achieving full penetration, and is effective against fungal decay, borer and termite attack
- Reduced corrosivity when compared to other alternative treatments, allowing the use of corrosion-resistant fasteners including hot-dipped galvanised, stainless steel or other approved fasteners to meet building code requirements, as well as direct contact with aluminium products
- NZ Radiata Pine sourced from renewable plantation forestry. KLC is a Chain of Custody, FSC® Certified Company. Ask about our KLC range of FSC® Certified Products
- Eco-friendly with four environmental credentials
- Good range of sizes and lengths for those special projects from 1.8 to 6.0 long
- Formaldehyde-free and low volatile organic compounds used in the treating and gluing manufacturing process
- No odour
- GenLam H4 Laminated Posts are finger jointed using Henkel's Loctite Purebond®, a structural grade polyurethane adhesive system
- GenLam Posts come with a 50 year treatment warranty
- GenLam Palings are solid not laminated. They are dual coated with a premium exterior alkyd primer system (oil based primer)
- GenLam H4 Laminated Posts are dressed and dual coated with a premium exterior alkyd primer system (oil-based primer)
- GenLam Posts must be painted immediately after installation. The topcoat paint colours used must have a Light Reflectance Value (LRV), of 45 or higher
- GenLam Posts must be installed in accordance with KLC Guidelines available at www.klc.co.nz



H3.2 CAPPING

H3.2 SHIPLAP PALING

H3.2 T&G

H3.2 TGV

H3.2 PRD4S

H3.2 D4S

H3.2 BOTTOM RAIL OPEN

H3.2 BOTTOM RAIL CLOSED

GENLAM FENCE SYSTEM

Palings	MicroPro® Treatment	Size	Lengths
T&G Paling	H3.2	90 x 18 135 x 18	1.8 1.8, 2.1, 2.4
TGV Paling	H3.2	90 x 18 135 x 18	1.8 1.8, 2.1, 2.4
Shiplap	H3.2	90 x 18 135 x 18	1.8 1.8, 2.1, 2.4
PRD4S Paling (pencil round edge)	H3.2	90 x 18, 135 x 18	1.8, 2.1, 2.4
Top Capping	H3.2	65 x 43	5.4
Bottom Rail Closed	H3.2	65 x 40	5.4
Bottom Rail Open	H3.2	65 x 42	5.4
D4S Bead	H3.2	40 x 18	5.4
Mid Rail	H3.2	90 x 36	5.4

PRODUCT HANDLING & INSTALLATION

FASTENERS

Use fasteners, fixings and hardware that comply with the manufacturer's recommendations for their intended use. Suitable fasteners to use with MicroPro® treated products include stainless steel and hot dipped galvanised nails.

Note: In seaspray and geothermal zones ensure all specified fasteners and fixings comply with the environmental exposure.

INSTALLATION

KLC's GenLam H4 laminated posts must be installed in accordance within our recommendations of use and installation. For an installation guide of a GenLam Fencing System please visit our website: www.klc.co.nz

MANUFACTURING COMPLIANCE

KLC GenLam posts are manufactured in accordance with the following New Zealand and Australian standards:

- Timber Finger Joints in Structural Products certified to AS 5068 Service Class 3
- Glue Laminated Structural Timber certified to AS/NZS 1328
- Assure Quality Timber Treatment Programme. MicroPro® is an approved treatment meeting compliance with APVMA, AS/NZS 1604 Series, NZS 3640 and NZ EPA

STORAGE AND HANDLING

GenLam H4 Laminated Posts must be kept dry and protected from excessive heat, direct sunlight and prolonged exposure to the elements prior to installation and painting. This will protect your product.

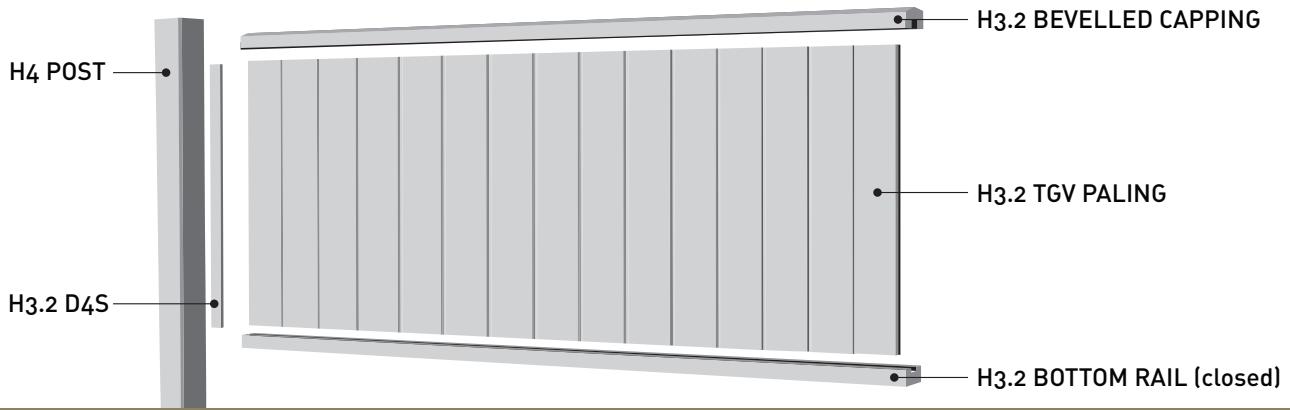
- All cuts, rebates, bore holes, and notches must be given two liberal coats of a suitable brush-on timber preservative. Then re-painted with two primer coatings to prevent swelling and shrinkage
- If using GenLam H4 laminated posts in coastal sea spray or geothermal zones, it is the installer's responsibility to ensure all specified fastenings, fittings are suitable

PAINTING

Apply two coats of premium exterior grade top coat. Top coat colours should have a Light Reflective Value (LRV) of 45 or higher. Dark colours can encourage resin bleed and distortion leading to cracking and premature paint failure. Paint must be applied as per the manufacturer's recommendations.



GENLAM FENCE SYSTEM COMPONENTS



COMPANY PROFILE



Naturally Better

KLC Limited is a privately owned company that was established in 1997, and is based in Kaingaroa. From that time, the company has developed from a custom kiln dry operation to a full timber re-manufacturing facility and timber treatment operation.

The timber used is 100% New Zealand Radiata Pine sourced from renewable, plantation forestry. KLC is a Chain of Custody, FSC® Certified Company. Ask about our KLC range of FSC® Certified Products.

KLC manufactures and distributes a range of precision-made engineered timber building materials which are processed with equal regard to environmental sustainability through raw material selection and safe innovative treatment solutions.

www.klc.co.nz

TIMBER TREATMENT

MICROPRO® TREATED WOOD PRODUCTS

The MicroPro® Micronized Copper Azole (MCA) based preservative system for wood products protects from insects, termites and fungal decay and is manufactured by Koppers Performance Chemicals. The preservative contains a mixture of micronised copper carbonate (copper) and tebuconazole (azole). The MicroPro® treatment system is a water-borne, copper-based biocide preservative system.

When correctly installed in the intended situation for the specified Hazard Class, a service life of 50 years or more is expected. MicroPro® micronized copper azole preservatives are approved for use in New Zealand and Australia, and the required preservative retentions and penetration are specified in the relevant preservative standards NZS3640:2003 and AS/NZS 1604 Series.

www.kopperspc.co.nz



The mark of responsible forestry



SUPPLIER



GENLAM

POSTS & FENCING SYSTEM

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