

# Pölkky Giant

Premium Impregnated Glulam-Posts & Beams



wrightforest  
products

**PÖLKKY**  
GIANT

# Pölkky Giant-Posts & Beams

## ABOUT PÖLKKY GIANT

Timber Species	Nordic Redwood <i>Pinus Sylvestris</i>
Certification	PEFC Certificate 02-32-30
Treatment	Celcure® C4 ACQ® (Brown pigment)
Use Classes	Posts EN:351-1 UC4* NTR Class A(26kg/M <sup>3</sup> ) Wood in-ground weather exposed;
	Beams EN:351-1 UC3* NTR Class AB(12kg/M <sup>3</sup> ) Wood above ground weather exposed;
Appearance Grading	<p>Posts and Beams are paint grade quality only.</p> <p>Posts are visually graded to 3 faces only; Beams are visually graded to 1 good face;</p> <p>Due to the full cell treatment impregnation process some cracking and splits are unavoidable and are no defect;</p> <p>Minor delamination, surface imperfections such as broken knots, small holes are allowed;</p> <p>Surface cracks do not affect the performance of the product.</p>
Structural Grade	EN 14080/EN 386 C30 GL8
Reaction to fire	D-s2, d0 In summary, the material classified as D-s2, d0 is combustible but has limited smoke production and no burning droplets. Keep in mind that understanding these classifications helps in making informed decisions regarding fire safety and material selection.





# Pölkky Giant-Posts & Beams



POSTS									
SIZES	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0	7.2
90X90 mm	•	•	•	•	•	•	•	•	•
115X115 mm	•	•	•	•	•	•	•	•	•
140x140 mm	•	•	•	•	•	•	•	•	•
190x190 mm	•	•	•	•	•	•	•	•	•
240x240 mm	•	•	•	•	•		•	•	•
BEAMS									
SIZES									
90x45 mm				•		•	•	•	•
140x45 mm				•	•	•	•	•	•
190x45 mm				•	•	•	•	•	•
240x45 mm				•	•	•	•	•	•
290x45 mm				•		•	•	•	•
190x63 mm				•		•		•	•
240x63 mm				•		•		•	•
290x63 mm				•		•		•	•

# Pölkky Giant-Posts & Beams

## MORE ABOUT PÖLKKY GIANT

### ORIGINATING FROM NORTHERN WOOD

**Pölkky Giant** comes from the northern region of Finland and is made by one of Finland's largest private timber processing companies. Northern Finland is famous for its high quality slow grown softwood timbers.

The timber of the North grows slowly under very demanding conditions, which makes it an excellent raw material for building purposes. PÖLKKYgiant product family, manufactured from solid, densely-grained pine and spruce timbers, contains a wide range of different glued timber products for construction. The products comprise two or more pieces glued together either vertically or horizontally in accordance with the customer's demands.

### TREATMENT

**Pölkky Giant uses Koppers Celcure® C4** preservative system (Celcurised Timber) is based on an effective combination of copper and organic co-biocides. Such systems have provided proven performance for well over 12 years in locations throughout Europe, North America, Australia and Japan. Celcure timber is pressure treated to force the preservative deep into the wood structure providing protection where it matters. Wood treated in this way is suitable for Use Classes UC1, UC2, UC3 and UC4 including fencing, timber decking, landscaping timbers and construction timbers.

### INSTALLATION AND CARE

To protect your warranty and ensure long in-service life of this product please observe the following guidelines:

1. In keeping with good building practice, ALL timber posts (including treated Radiata Pine) where used in near or in contact with the ground must have the 'in ground end' coated with a bituminous or similar paint prior to installation or a post sleeve;
2. Any surface exposed to drilling or cutting must be recoated/resealed with an end preservative e.g. Ecoséal H3 above ground sealant;
3. Care must be taken to avoid Celcure® C4 treated products coming in contact with aluminium;
4. Always use coated fixings such as galvanized or coated hardware to prevent rusting and staining of the final product;
5. As with all timber products, proper periodic maintenance will enhance its performance and lifespan; and,
6. Refer to the Installation and Care instructions prior to purchase or installation at [www.wrightforestproducts.com.au](http://www.wrightforestproducts.com.au)

### BACKED IN AUSTRALIA BY WRIGHT FOREST –15 YEAR IN-SERVICE LIFE GUARANTEE

**Wright Forest** is a product innovation company with over 160 years of experience in timber and is backed by the most respected timber and chemical manufacturers in Europe. Pölkky Timber products have undergone ten years of development in Australia alone. This product has a limited guarantee to meet in-service life of 15 years.

### DISCLAIMER

The information provided herein is correct at time of publication. Specifications or details may change from time to time without notice. Please consult your building products supplier for further information. Technical literature and MSDS are available from [www.wrightforestproducts.com.au](http://www.wrightforestproducts.com.au)

Manufactured by Pölkky Oy, Kuusamo Finland on behalf of Wright Forest Products Pty Ltd  
Available from: