



EUCALYPTUS POLES

2025 Catalogue



assiourasbros
advanced wood technology

Eucalyptus poles

The eucalyptus poles are an element of shading and separation. It is a "green" natural material, particularly attractive. They are natural linear logs of wood, which have a small, variable diameter along almost their entire length.



Poles are the No. 1 choice of architects and interior designers for pergola covers, as they combine a great look and a very long life span.

Their natural look can be perfectly integrated into almost any environment.



Poles find many **applications** both in exterior and interior spaces. They are ideal for a multitude of applications due to their appearance and durability.

In **exterior** applications they can be used in pergolas, fences and vertical partitions.

In **interiors** they can be used in cladding, partitions and in a variety of decorative applications.





100%
natural
material



Their **shape** is irregular along the log. Their diameter is also variable along most of their length.

Because of their shape they create very interesting light shading.

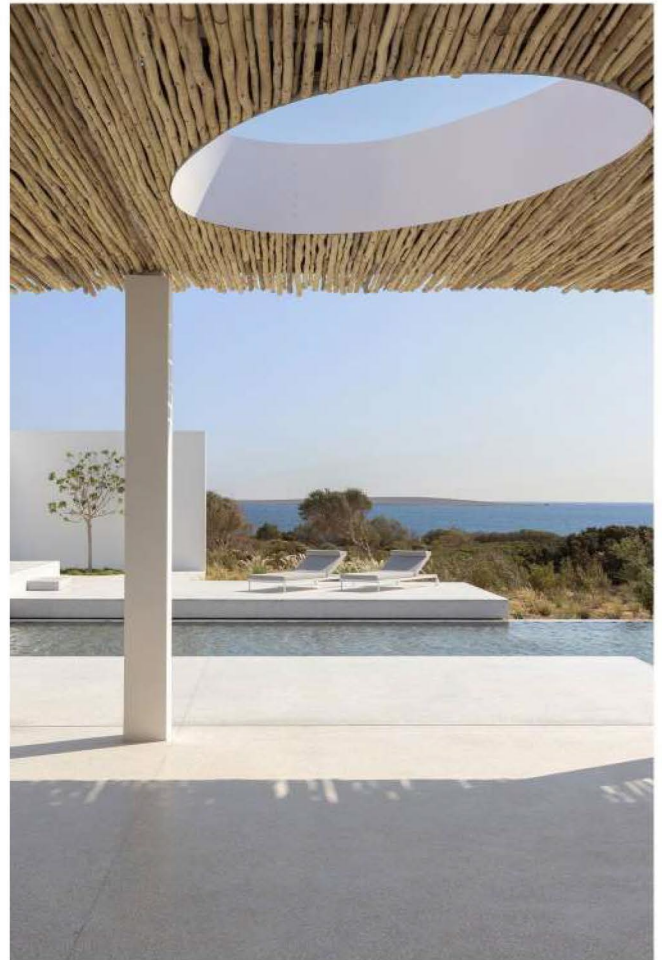
They can be placed in single or double layers for denser shading. The filtering of solar radiation is adjusted according to how densely or sparsely the poles are placed. The recommended support spacing is approximately 1,5 m apart. They may also be installed in combination with other shading materials.



Their **colour** varies, a characteristic which, combined with their shape, enhances their natural look. In their natural form they have a fairly light, almost golden brown colour. In addition, they have visible black roses.

In order to be suitable for outdoor use, poles must be subjected to a treatment process, thanks to which they become unaffected by fungi and wood-boring insects. After treatment they will have a darker brown tone. As long as they are left exposed to the sun, their colour lightens and they become more greyish.

Poles can be painted in any colour.





Naturally elegant
and durable

Features

- Description: Poles come from sustainably grown forests and are FSC certified. Poles range in diameter from 2.5 to 50 cm and can reach up to 100 cm - Treated for outdoor use with Tanalith-E.
- Suitable for flat surfaces.
- Delivered in poles and rolls.
- Average lifetime: 15-20 years.



Data sheet

Density	550
Weight per m ²	24
Coefficient of rupture (Mpa Dry)	140
Modulus of elasticity (Gpa Dry)	18
Radial shrinkage	5%
Tangential shrinkage	9%
Hardness (janka) (kN)	9.0

Finish	Good
Gluing	Good
Machining	Good
Stability	Good
Durability	Durable
Tear resistance to bolting	Good
Tear resistance to nailing	Good

Available dimensions

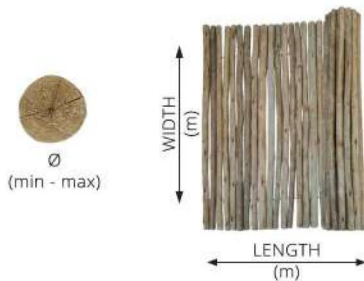
Typical poles dimensions available in stock:

SINGLE POLES

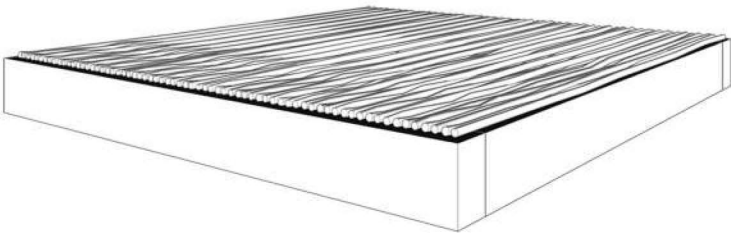
W / Ø	25-30	50-75	75-100
0,90			
1,20			
1,50			
1,80	•*	•*	•*
2,40	•	•*	•*
3,00	•	•*	•*
3,60	•	•*	•*
4,20		•*	•*
4,50	•		

ROLLS

W / L	2,00
1,20	•*
1,50	•*
1,80	•*
2,40	•
3,00	•
3,60	•



* Available on request. It is possible, upon special request, to supply eucalyptus timber up to 11.00 m long and up to 375 mm in diameter.

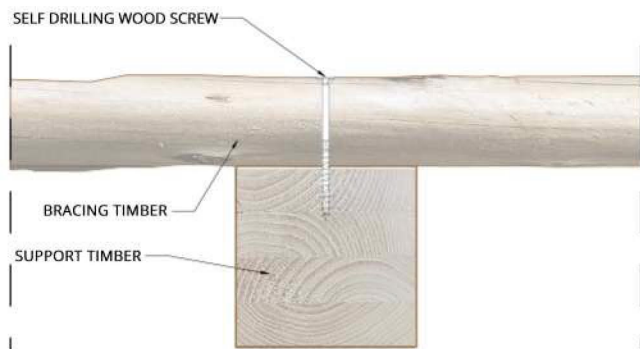


Notes:

- * Diameter is given with a range of 25mm and refers to the variation of the log along its length. It also refers to the smallest diameter the log has at one end, as at the other end the diameter can be increased by up to 45mm, as it is 100% natural material.
- * High pressure washing is recommended before installation.

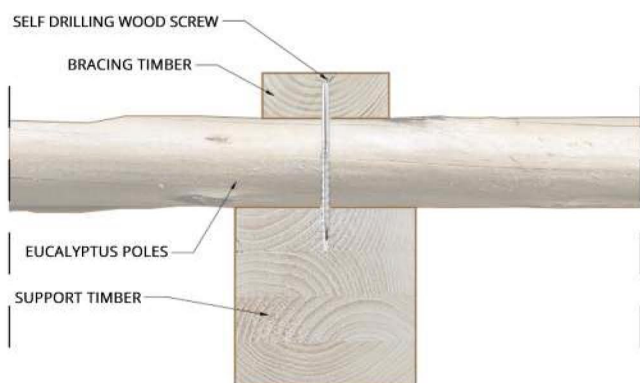
Installation of single Poles

Poles on wooden pergola

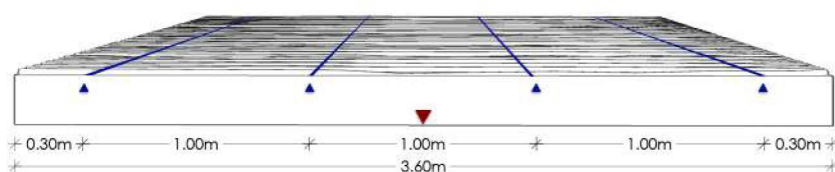
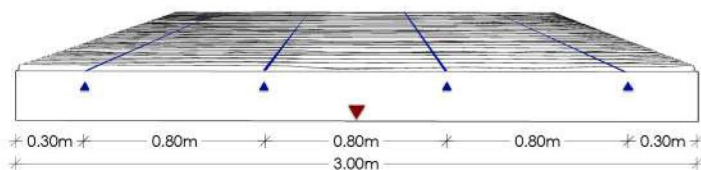
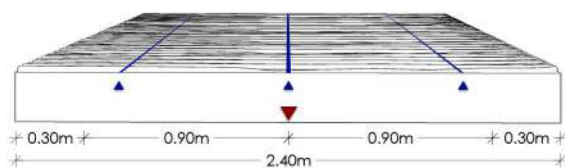
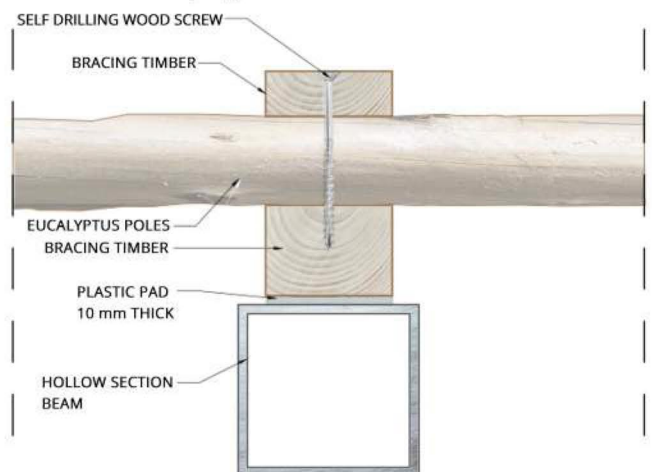


Installation of Rolls

Rolls on wooden pergola



Rolls on metal pergola



The suggested installation method is indicative. Each structure should be statically tested.

For external applications the use of stainless steel screws is recommended

- ▶ Connection points (stainless steel wire)
- ▶ Support points (secondary beams)

Poles treatment with TANALITH-E

Preservative treated timbers have been given a controlled, industrially applied pressure treatment with a proven and approved wood preservative. The wood preservative is forced deep into the structure of the timbers to give a long term and assured protection against all forms of wood decay and insect attack, allowing the timbers to be used in different applications around the home and garden

USE CLASS: OUTDOORS coated 3.1 above ground eg. decorated cladding

AVERAGE LAST: TANALISED pressure treated timbers can have a service life of 15-20 years depending on its end use.

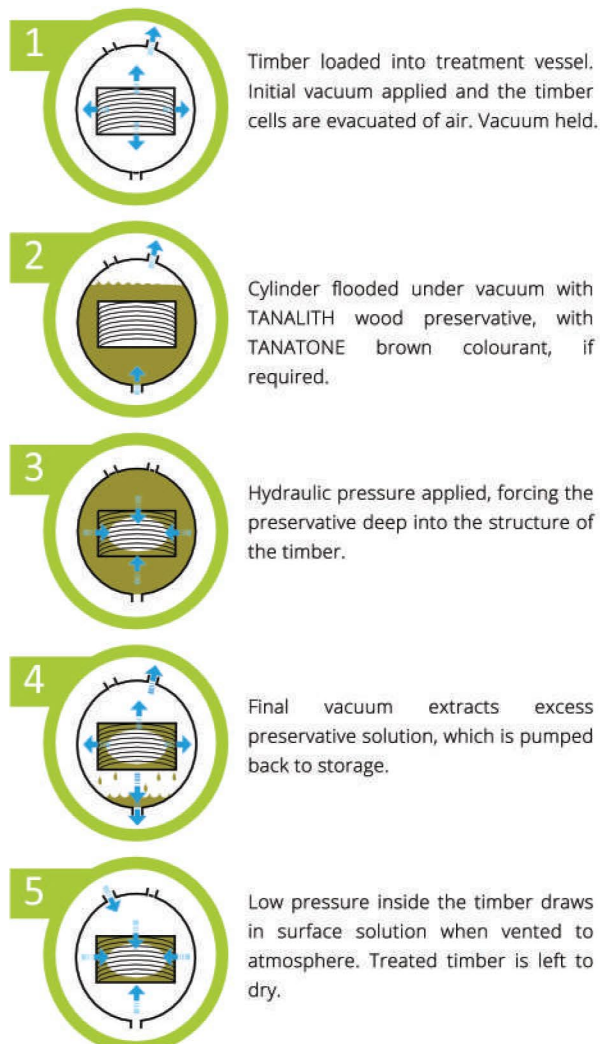
COLOR: The colour of TANALISED pressure treated timber slowly weathers from an initial pale green hue to a warm, honey brown and in the longer term to a natural silver grey. If required, the colour can be refreshed with a suitable brush-on color product.

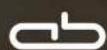
SPECIFICATIONS AND STANDARDS: Tanalith-E preservative is tested in accordance with the requirements of EN 599, including extended field trial testing. Tanalith-E pressure treated timber is treated in accordance with the penetration and retention requirements given in Bs 8417. Care should be taken when specifying timber species to ensure that these can be treated in accordance with these penetration and retention requirements.

Tanalith-E is a proven and safe wood preservative is based on a unique combination of copper and modern organic biocides. Tanalith-E also contains award winning BARamine application technologies that help ensure the very best penetration and distribution of TANALITH E preservative into the timbers. Tanalith-E has full authorization through the EU Biocidal Products Regulation (BPR) for the industrial treatment of timber. Tanalith-E treated timbers are also recognized as sustainable building materials.



PRESERVATIVE TREATMENT PROCESS





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advanced wood technology

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