

TANALITH E 3475 TREATED TIMBER SAFETY INSTRUCTIONS

Wooden pole:

- Pine wood poles fulfil the technical requirements described in document EN14299.
- Poles can be manufactured to the customers specification.

Tanalith E 3475 technical requirements:

- Technical requirements are described in NTR certificate can be found on Scanpole website: <https://www.scanpole.com/en/scanpole-2/certificates/>

Product registration number:

- ECHA - European Chemicals Agency : <https://echa.europa.eu/fi/information-on-chemicals/biocidal-products/-/disbp/factsheet/NL-0008998-0000/authorisationid>

Impregnation classes:

- Industrial high pressure treatment according to impregnation class UC3 and UC4.
- Pine pole EN335 Hazard Class / Use Class 4 (UC4 ground contact): minimum 20 kg/m³ sapwood impregnation quality is controlled by Finotrol Oy.
- The wood is impregnated with a preservative containing 2-Aminoethanol, Ethoxylated amine, Propikonatsol, Tebukonat-sol, Organic acid, Copper (granulated)

Application:

- The product can be used for electricity poles, telecommunications masts, laminated wood, timber and fence posts in contact with the ground also by the general public.

Physical and chemical data:

- **Colour:** Green
- **Odour:** Mild
- **Strength:** As for pine
- **Metal fasteners:** Galvanized metal fasteners are advised. It is important that the orderer/end user is aware that there are many thicknesses of galvanized coating available, and the thicker the galvanized coating, the longer the expected lifetime. The level of galvanization must coincide with the end use (eg BS EN 1461). Use of a nail gun can break the galvanization coating.
- **Electrical conductivity:** Similar to or lower than for pine

Maintenance:

- Tanalith impregnated poles are not advised to be painted or the surface treated with stains.
- Climbing to pole should be done safely according to local regulations.

Health, environment and safety:

- Dangerous if swallowed
- Eye contact causes irritation
- May cause allergic reaction

Fabrication and personal protective equipment:

Normal tools can be used in fabrication. Fabrication should happen before impregnation. Cut ends and drill holes should be protected with a wood preservative.

It is important to use right kind of work clothes, gloves and safety goggles.

- When working with timber, wear gloves to protect the skin against abrasions and splinters.
- Goggles and dust mask should be used when fabricating wood.
- After handling or working with treated timber, all exposed skin should be washed before commencing other activities.

Effect on the environment:

- A wooden poles are safe and nature friendly products and have a minimal effect on the environment during use.
- Further information on environmental effects of wooden poles can be found on Sustainability report: <https://www.scanpole.com/en/scanpole-2/sustainability/>

Reuse and recycling:

- Tanalith impregnated poles can be reused both in private and commercial use.
- At the end of life Tanalith impregnated poles and processing waste must be disposed of safely according to local regulations.

Product regulations:

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