SCAN | POLE

This instruction is intended for buyers and users of creosote-impregnated wood

# CREOSOTE TREATED TIMBER SAFETY INSTRUCTIONS

**Wooden pole:**
- Pine wood poles fulfil the technical requirements described in documents EN14299, REN blad 2504 ja REN blad 8076.

**Creosote oil 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:**
- FI-2017-0002, Creosote EN 13991 BPF (Product family), Finnish Safety and Chemicals Agency (Tukes)

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**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 85 kg/m3 sapwood impregnation quality is controlled by external, accredited supervisory body in agreement with EN14299.
- The wood is impregnated with a preservative containing Creosote (CAS nro 8001-58-9) Tuleeko muuta?

**Application:**
- The product can be used for electricity poles, telecommunications masts, laminated wood, timber and fence posts in contact with the ground.

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**Physical and chemical data:**
- **Colour:** Dark brown
- **Odour:** Strong
- **Strength:** As for pine
- **Metal fasteners:** Galvanized metal fasteners are adviced. 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
- **Durability:** Service life in use 40+ years

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**Fabrication:**
- Climbing to pole should be done safely according to local regulations.
- Normal tools can be used. Fabrication should happen before impregnation. Cut ends and drill holes should be protected with a wood preservative.

**Maintenance:**
- Creosote impregnated wood cannot be painted or the surface treated with stains.

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**Health, environment and safety:**
- Causes skin irritation and serious eye irritation.
- May cause an allergic skin reaction, cancer and allergy or asthma symptoms or breathing difficulties if inhaled
- Store in a well-ventilated place.

**Personal protective equipment:**

Direct skin contact with creosote-impregnated pole should be avoided. It is important to use right kind of work clothes, gloves, respirator and safety goggles.
- Outerwear should be oil, water and dirt resistant
- Work gloves should be used.
- If wood is damp, use butyl, neoprene or fluoroelastomer gum gloves.
- Goggles and dust mask should be used when fabricating wood.
- Respirator should be used during warm weather if creosote odour is strong.
- Sun block should be used when fabricating impregnated poles on sunny weather.
- 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:**
- At the end of life creosote impregnated poles and processing waste must be disposed of safely according to local regulations.

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**Product regulations:**

*https://echa.europa.eu/substance-information/-/substanceinfo/100.029.351*

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