

# CERTIFICATE OF APPROVAL

Nr 126-15

Hereby certifies that

## Ingarps Tryckimpregnering AB

has received approval to mark preservative-treated products of Norway spruce (*Picea abies*) in wood preservation class GRAN with the Nordic quality label



The approval refers to wood treated with the preservative Tanalith E-7 which contains copper, tebukonazole, propikonazole and boron as active ingredients. Wood preservation class GRAN implies a treatment in compliance with penetration class NP1 according to SS-EN 351-1 (no requirement on the penetration) and a retention of preservative in the outer 3 mm zone in accordance with the approval for wood preservation class AB issued by the Nordic Wood Preservation Council (NWPC).

Ingarps Tryckimpregnering AB has a quality assurance system according to the requirements in SS-EN 351-1 and NWPC Document No 1 "Nordic wood preservation classes and product requirements for preservative-treated wood. Part 2. Spruce (*Picea abies*)".

The production and factory production control are supervised by SP Technical Research Institute of Sweden. The supervision of the production includes determination of preservative retention in the wood as well as determination of the percentage of active ingredients in the preservative.

This approval is valid until 1 February 2018 but can be withdrawn if the requirements in NWPC Document No 1 are not fulfilled.

Borås 1 February 2013

**SP Technical Research Institute of Sweden**

  
Lennart Månsson

  
Ingvar Johansson

