

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Wood Products**

with type designation(s)
**Koskisen coated plywood for linings,
KoskiForm and KoskiFutura**

Issued to

KOSKISEN OY
Järvelä, Finland

is found to comply with
Det Norske Veritas' Type Approval Programme 1-503.1, 2009, Plywood

Application :

Lining material in ships, e.g. cargohold linings, wear resistant surfaces, and fishing boat linings, hygienic and easy to clean surfaces. For areas without special fire technical requirements.

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

This Certificate is valid until **2019-12-31**.

Issued at **Høvik** on **2015-11-24**

DNV GL local station: **Helsinki**

Approval Engineer: **Gisle Hersvik**

for **DNV GL**

Martin Strande
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

Product description

Koskisen coated plywood for linings. Coated with hard wearing film overlay with a smooth surface.

Application/Limitation

For use as lining material in ships, e.g. cargohold linings, wear resistant surfaces, and fishing boat linings, hygienic and easy to clean surfaces. Hygienic: EU Directive 2002/178/EC on traceability of materials and devices in food – contact.

For areas without special fire technical requirements.

If the plywood material shall be installed in areas where there are requirements to low ignitability and low flame spread, such documentation shall be given by the manufacturer.

Quality Control contract between Finitrol Oy, Finland and Koskisen Oy to be maintained.

Type Approval documentation

1. Previous Type Approval Certificate No. K-5578.
2. Assessment Report and Descriptive Report from DNV GL Helsinki of 2015-11-04.
3. Application for Type Approval of 2015-11-04.
4. Finitrol Oy's CoC of the Factory Production Control.
5. Technical Data Sheets; KoskiForm and KoskiFutura
6. Quality Control agreement between Finitrol Oy, Finland and Koskisen Oy.
7. Letter from Koskisen Oy of 2013-06-03.
8. Survey Report Checklist from DNV Helsinki of 2011-04-19.
9. Survey Report No. HEL-11-1088 from DNV Helsinki of 2011-04-19.
10. Statement No. HEL-11-1087 from DNV Helsinki of 2011-05-31,
11. Letter from DNV Helsinki of 1999-07-14, including test results and product specifications/brochures.

Tests carried out

As per Quality Control contract with Finitrol Oy, Finland.

Marking of product

Package shall be marked with manufacturer's name: **Koskisen Oy, Järvelä, Finland** and *type designation*.

The marking is to be carried out in such a way that it is visible, legible and indelible. The marking of product is to enable traceability to the DNV GL Type Approval Certificate.


Periodical assessment

The scope of the Periodical Assessment is to verify that the conditions stipulated for the Type Approval is complied with and that no alterations are made to the product design or choice of materials.

Periodical Assessment to be performed after two (2) years (Certificate Retention) and at renewal after four (4) years (Certificate Renewal).

The main elements of the Periodical Assessment are to:

- Ensure that **Type Approval documentation** is available.
- Review design, materials, production process, and performance with respect to possible changes, in order to ensure compliance with **Type Approval documentation** and/or referenced material specifications.



Job Id: **262.1-011823-3**
Certificate No: **TAK000004H**

- Ensure traceability between manufacturer's product marking and the DNV GL Type Approval Certificate.

END OF CERTIFICATE