

# CARE AND MAINTENANCE DOCUMENTS

March 2019

## TERRACE BOARDS AND DECKING, MØREROYAL®-IMPREGNATED NOBB MODULE NO. 23421183 AND 42070281

### **1. PRODUCT DESCRIPTION.**

MøreRoyal® terrace boards and decking are produced from planed pine. They are supplied with rounded or bevelled edges to make them comfortable to walk on, with a grooved side and a smooth side. The requirements for terrace boards are specified in NS 3188, pressure-impregnated terrace boards. When sorting MøreRoyal® terrace boards and decking, we regard the grooved side as side A. When laying them with the smooth side up, remember to allow for more movement.

In addition to being pressure-impregnated with a copper-based (CX-8) water-soluble salt impregnation, MøreRoyal® timber products are baked in a process oil under vacuum. This process gives an almost water-resistant surface and reduces moisture movement in the wood. This increases dimensional stability, reduces moisture movement and crack formation. Coloured pigment can be added to oil in the following colours: RB.10 brown, RY.20 ochre, RG.25 grey, RO.0 natural and RS.25 Alpine black. These are transparent colours. Cosmetic variations/differences in colour can occur, as the heartwood, sapwood and knots can absorb pigment differently. Because we use pine, resin can often ooze out,

especially around knots. Resin deposits and drying-out will be more common the darker the colour is. Pressure-impregnated and royal-treated timber products rest on laths during production, which can leave striped marks. Pressure-impregnation is classified according to the requirements of the impregnation standard NS-EN 351 and supplied in

Cl. AB. Impregnation helps ensure that the timber has a longer service life. Other adaptation of the boards than cutting the ends can reduce service life. We recommend sealing all cut edges with MøreRoyal® wood oil.

Talgø MøreTre AS is a member of Norsk Impregneringskontroll (NIK) and uses the Nordic impregnation classifications defined in the Nordisk Trebeskyttelsesråd (NTR) document no. 1. The Norwegian impregnation classes are based on NS-EN 351, and correspond to impregnation class P8. The criteria for penetration of the impregnation agent are determined by the NTR. Inspections are performed by NIK twice annually. Timber that is not inspected by NIK is of unknown quality and is not classified.

#### **Advantages of MøreRoyal® timber:**

Copper-based pressure-impregnation. Wood protection to extend durability. Dried down to 17-20% moisture content

Treated on all 6 sides.

The oil reduces moisture absorption, gives stability and reduces cracks. Oil prevents the loss of the substances used for impregnation.

Available in four different colours and natural. Low maintenance costs.

Lower total cost over product lifetime.

### **2. INSTRUCTIONS FOR CARE AND MAINTENANCE**

Wash with water only. Do not use chemical products. Do not use grease-dissolving products. Remove surface fungus before applying MøreRoyal® Terrace Oil Exclusive, natural or coloured.

Treat all cut ends with MøreRoyal® wood oil when laying. Other adaptation of the boards than cutting the ends can reduce service life.

Ensure that the products (class AB) are not in contact with soil, and that leaves and other dirt are not left between the boards. They will retain moisture and can reduce service life.

Impregnation does not normally prevent the occurrence of surface fungus. Surface fungus can grow on the surface, especially in shady areas where moisture can linger. It can be brushed off using a broom, followed by rinsing with water.

Check for fungus every year when cleaning.

**Inspection and minor maintenance:**

Wash the deck at least once a year, preferably in the spring, to remove dirt and fungus.

**Maintenance instructions and intervals:**

Remove leaves and dirt that accumulate between the boards, especially on the underlying joists. This should be done annually. Allow plenty of time to dry, preferably a couple of days after washing.

MøreRoyal® terrace boards and decking have been treated with oil before delivery, and no more oil needs to be applied for the first few years. Any surface oil should be wiped off with a cloth. Natural RO.0 will weather to become grey over time, whilst pigmented wood will be affected by UV radiation, which can cause it to gradually become paler. Maintenance intervals for applying new oil to retain the quality of the materials using MøreRoyal® Terrasseolje Eksklusiv is every 6-7 years. To maintain colour, MøreRoyal® Terrasseolje Eksklusiv can be applied every two years. This involves subjective cosmetic choice.

If the oil forms a film on the surface, there is a big risk that it will peel off later. Excess oil will also foster the growth of surface fungus. Always wipe excess oil off after application. MøreRoyal® Terrasseolje Eksklusiv contains an antifungal agent, which will reduce the formation of surface fungus.

Decking treated with MøreRoyal® oil remains wet on the surface after rain, as the water is not absorbed by the boards in the same way as a non-oiled terrace.

Resin deposits should be brushed or scraped off before applying new oil.

We recommend allowing resin deposits to crystallise, when they will disappear by themselves.

**Damp-resistance:**

MøreRoyal® timber products are oiled over the entire surface, which reduces the movement of moisture in the wood, making it more stable than untreated wood.

**Fastenings:**

To avoid unsightly discolouration from corrosion (rust), we recommend fastenings are made of A2 stainless steel or acid-resistant A4.

**3. EFFECT ON THE ENVIRONMENT****Eco-labelling:**

There is no eco-label for this product, but an individual EPD for MøreRoyal® has been produced. Oil-sealing reduces the emissions of the impregnation substance to a minimum.

**4. HSE REFERENCES**

Pressure-impregnated/MøreRoyal® timber products must not be used in direct contact with food and/or drinking water. If cutting or machining the timber in a manner that will cause a lot of dust, a type P2 dust mask must be worn. See also 'HSE FACTS' with reference to the instructions in the Norwegian Labour Inspection Authority's publications.

Special measures for firefighting, temperature and/or humidity changes etc. See HSE FACTS. The product contains a copper compound and a non-metallic biocide.

Pressure-impregnated/MøreRoyal® timber products must not be used in direct contact with food and/or drinking water.

## **5. DEALING WITH WASTE, ACCORDING TO NS 9431**

Waste type: Surface-treated timber products.

Waste handling: Incineration and energy

production. Origin—Industry: Building and  
construction

Code for waste handling: 1142 / 0400 / 0600 / - - -

## **6. TECHNICAL SERVICE**

Manufacturer: Talgø MøreTre AS

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