

# CARE & MAINTENANCE INSTRUCTIONS

Flooring with woodura<sup>®</sup> surface

## HOW TO TAKE CARE OF CURED WOOD FLOORS

### GENERAL INFORMATION & RECOMMENDATIONS

- Wood has hygroscopic characteristics, meaning it moves with natural changes of relative humidity: in the summer it normally swells and in winter it normally shrinks. When the wood is shrinking, natural gaps between boards appear. To prevent excessive movement and consequential damage to the floor, the indoor climate should have a temperature between 15-23 ° C and relative air humidity between 30-60% (according to Swedish Standards Institute).
- Keep in mind that underfloor heating dries out the wooden floor more than, for example, radiators. When using underfloor heating, the surface temperature of the floor should never exceed 27 ° C. Relative humidity in the indoor air increases with everyday activities such as cooking, shower, etc. Green plants and, for example, aquariums provide a moisture supplement to the air. RH can also be increased by using an air humidifier.
- Cured wood flooring with Woodura® surface must not be sanded. Sanding makes the flooring lose the protective surface the technology is based on. Therefore, it is important to maintain and preserve the floor design so the surface will maintain a beautiful appearance for many years.
- Place furniture feet pads with felt on office chairs, bookshelves, mobile containers, etc. Do not use metal pads as they can scratch and leave marks on the floor. Castors must be equipped with soft, standard running surfaces. We recommend using floor coverings for office chairs to protect the floor from wear. Colored rubber, natural rubber or plastic glides, and castors, as well as dark tires (car, equipment or bike) could cause discoloration on the design flooring. Therefore if possible, use only light, non-migrating furniture glides, castors or tires.
- To protect the floor from dirt, a sufficiently large entrance covering must always be laid (e.g a doormat or carpet). We recommend protecting the floor in heavy-wear areas with appropriate floor protection mats (e.g polycarbonate mats).

## GENERAL INFORMATION & RECOMMENDATIONS FOR COMMERCIAL AREAS

- The extent of dirt protection depends on the entrance traffic and on the outdoor conditions. Areas in commercial areas are exposed to greater wear than flooring in domestic areas. Floors in public spaces need to be treated with a maintenance oil to meet the requirements they are exposed to. This should be done immediately after the floor is laid, while it is free of furniture.
- Set up a maintenance schedule when the flooring has been installed. The use of a well-planned maintenance schedule allows the floor in commercial premises to have a much longer service life.
- Preventive measures to reduce wear and need for cleaning. The principle is based on having:
  - A properly designed entrance and efficient rough outdoor shoe brushes (preferably under ceiling)
  - Protective mats for dirt, rubber mats with grooves or similar between the outer and inner entrance doors.
  - Textile mats that absorb moisture.
  - Floor coverings for office chairs to protect the floor from wear.
  - Protective felt pads on furniture to avoid unnecessary marks and scratches on the floor.
  - Do not use metal pads as they can scratch and leave marks on the floor.

## MAINTENANCE TREATMENT FOR OILED FLOORS



### AFTER INSTALLATION

Newly installed floor with Woodura® surface must be cleaned after completion of construction work and before first use, in order to remove dirt which has arisen during the installation.

1. Use a microfibre dust pad to remove dirt.
2. Clean the surface with a cleaning pad and use a pH neutral floor cleaner concentrate for oiled wood floors (e.g Osmo Wash & Care 8016 - use the recommended mixing ratio on the bottle).



### CLEANING

Use mainly dry methods, such as vacuum cleaners, dust mops or micro mops.

#### For cleaning with floor cleaner concentrate;

1. Clean the surface from dirt and debris with a dusting pad or similar or by vacuuming.
2. Mix the floor cleaner concentrate with water in a spray bottle (e.g Osmo Wash and Care 8016).
3. Spray the cleaner on the cleaning pad.
4. Mop the floor. Make sure the solution is absorbed within 1 minute.
5. When the microfiber pad gets too dirty; rinse, replace and continue.
6. When finished; rinse the microfiber pad and put it in the washing machine on sanitary wash.



**Note!** Use detergent specially developed for oiled wood floors that will nourish and protect the surface. Normal soap may give the floor a matted appearance and makes the floor more difficult to keep clean.

The floor may only be moistened easily and must be dry within 1 minute, do not let water remain on the surface.

Do not use string mops or sponge mops, they leave streak marks and do not absorb the water enough.

### STAIN REMOVAL

Remove stains as quickly as possible as instructed below. No warranties apply if using strong stain removal agents in large amounts and hard rubbing the surface.

TYPE OF STAIN	REMOVED WITH
Asphalt, rubber, oil, shoe polish, soot and dried residue of chocolate or grease.	Osmo Liquid Wax Cleaner Clear 3029, White 3087
Crayons, lipstick, felt-tip pencil.	Osmo Liquid Wax Cleaner Clear 3029, White 3087
Candle wax, chewing gum.	Osmo Liquid Wax Cleaner Clear 3029, White 3087
Blood, coffee, tea, soda drinks, wine.	Osmo Spray Cleaner 8026

**\* Vålinge Innovation has used Osmo products in maintenance testing, therefore we recommend these products. However, similar pH neutral detergents developed for oiled wood floors can also be used.**

## MAINTENANCE TREATMENT FOR LAQUERED FLOORS



### AFTER INSTALLATION

Newly installed floor with Woodura® surface must be cleaned after completion of construction work and before first use, in order to remove dirt which has arisen during the installation.

1. Use a microfibre dust pad to remove dirt.
2. Clean the surface with a cleaning pad and use a pH neutral floor cleaner concentrate for laquered wood floors (e.g Bona Cleaner - use the recommended mixing ratio on the bottle).

### CLEANING

Use mainly dry methods, such as vacuum cleaners, dust mops or micro mops.

#### For cleaning with floor cleaner concentrate;

1. Clean the surface from dirt and debris with a dusting pad or similar or by vacuuming.
2. Mix the floor cleaner concentrate with water in a spray bottle (use the dosage information on the bottle).
3. Spray the cleaner on the cleaning pad.
4. Mop the floor. Make sure the solution is absorbed within 1 minute.
5. When the microfiber pad gets too dirty; rinse, replace and continue.
6. When finished; rinse the microfiber pad and put it in the washing machine on sanitary wash.

**Note!** Use detergent specially developed for lacquered wood floors. Normal soap may form a fat coating on the surface which makes the floor more difficult to clean.

The floor may only be moistened easily and must be dry within 1 minute, do not let water remain on the surface.

Do not use string mops or sponge mops, they leave streak marks and do not absorb the water enough.

### STAIN REMOVAL

Remove stains as quickly as possible as instructed below. No warranties apply if using strong stain removal agents in large amounts and hard rubbing the surface.

TYPE OF STAIN	REMOVED WITH
Asphalt, rubber, oil, shoe polish, soot and dried residue of chocolate or grease.	Bona Cleaner or Deep Clean solution undiluted.
Crayons, lipstick, felt-tip pencil.	Ethanol mixed with water, mixing ratio 50/50
Candle wax, chewing gum.	Cooling spray or a plastic bag with ice cubes to freeze the chewing gum. Carefully remove the stain with a knife.
Blood, coffee, tea, soda drinks, wine.	Bona Cleaner or Deep Clean solution undiluted.

**\* Välinge Innovation has used Bona products in maintenance testing, therefore we recommend these products. However, similar pH neutral detergents developed for laquered wood floors can also be used.**

## MAINTENANCE TREATMENT FOR OILED FLOORS

### HOW TO USE MAINTENANCE OIL - IF REQUIRED

How often the floor needs to be oiled depends, among other things, on use, cleaning, exposure to sunlight, etc. If you perform the maintenance treatment a few times during the first years, the floor provides an extra strong, moisture-resistant surface that is easy to clean. After this, maintenance treatment is usually performed every second year. Keep in mind that areas exposed to greater wear than the rest of the floor can be treated separately. The more often the maintenance is performed, the better the result.



### INSTRUCTION

1. The surface must be dry and free from dust and dirt. Vacuum or use a dust mop to remove all dirt.
2. Clean the surface well by using a hand pad holder or a buffer machine with a red pad. Use a pH neutral floor cleaning concentrate for oiled wood floors (e.g Osmo Wash and Care 8016 - use the recommended mixing ratio on the bottle). After the floor is cleaned, wipe it with clean water so no detergent or dirt is left on the floor. Be careful when using water on wooden floors.
3. Let the surface dry at least 30 min. before continuing to the next step. The surface must be completely dry before continuing to the next step.
4. Apply a thin layer maintenance oil for wood floors (e.g Osmo Maintenance Oil) along with the grain. Use a hand pad holder with a white pad alt. buffer machine and a white pad. For white oiled floors: use a white pigmented maintenance oil (e.g Osmo Maintenance oil white 3440).
5. Use a white pad to remove leftovers.
6. Let it dry 3-4 hours, ensure good ventilation. Drying time applies in normal climatic conditions, 20°C and RH 50%. At lower temperature and/or higher humidity is the drying time extended.

Recommended dosage:

Approx. 125 m<sup>2</sup> / liter.

**Note!** Maintenance oil contains drying oils which can self combust.

Put oily rags, paper and other fibrous material in a can water or a metal can.

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### RENOVATION OF OILED FLOORS



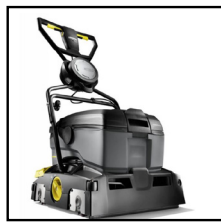
#### RENOVATION

After prolonged use, it may be necessary to refurbish the surface and replace it with a new oil treatment.

For heavily soiled floors, we recommend cleaning the floor with an intensive concentrated cleaner suitable both for manual and machine cleaning. (e.g Osmo Intensive Cleaner 8019).

#### Instruction for cleaning with a scrubber dryer:

1. Vacuum or use a dust mop to remove all dirt.
2. Fill the upper tank with the concentrated intensive cleaner mixed with lukewarm water (e.g Osmo Intensive Cleaner 8019 - use the recommended mixing ratio on the bottle).
3. Set the knob at hard pressure and drive the machine along the wood fiber direction in a straight passage. Distribute cleaning solution while driving forward.
4. Return on the same track to your original position. Do not distribute the cleaning solution while driving backwards (if the floor is heavily soiled, it may be motivated to drive backwards).
5. Do not allow an abundance of cleaning solution to accumulate on the floor. Immediately wipe out spill and accumulators left behind.
6. Continue the same way in a new track until the entire floor has been cleaned.
7. Fill the upper tank with lukewarm water and drive the machine along the wood fiber direction in a straight passage until any residue dirt or cleaning product has been completely removed.
8. Let the surface dry at least 2 hours, the surface must be completely dry before starting the treatment.



#### Instruction for semi-manual cleaning with buffer machine:

1. Vacuum or use a dust mop to remove all dirt.
2. Apply a concentrated intensive cleaner mixed with lukewarm water (e.g Osmo Intensive Cleaner 8019- see the recommended mixing ratio on the bottle) on a smaller section of the floor and allow the solution to act approx. 3 minutes. Be careful with the application amount if the floor has open joints.
3. Scrub the wet section with a buffer machine (100-200 rpm) with a red pad. Always be careful with the choice of pads, start with the finest pad and then switch to a rougher if needed.
4. Remove the loose dirt immediately with a water vacuum cleaner.
5. Proceed section by section until the entire surface has been cleaned.
6. After cleaning the floor it is important to neutralize the surface. Clean the floor with lukewarm water using a micro mop until any residue dirt or cleaning product has been completely removed.
7. Let the surface dry at least 2 hours before starting the oil treatment.



#### Finishing

After deep-cleaning of an oiled floor, a supplementary maintenance oil is required afterwards (e.g Osmo Polyx Oil Rapid). Use a hand pad holder with a white pad alt. buffer machine and a white pad.

For white oiled floors: use a white pigmented maintenance oil (e.g Osmo Maintenance oil white 3440).



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