

CLEANING AND CARE INSTRUCTIONS for PERMADUR[®] finished HARO Sports Hardwood Floors

The German DIN 18032-2, 2001-04 standard demands certain technical characteristics and qualities for a sports floor:

- easy to clean (quick drying, reduced dirt adhesion)
- hygienic (no risk of germs)
- safe (even surface: no risk of slipping, burning, rash)
- right friction
- specific sliding characteristics (sliding coefficient)

These characteristics are achieved by a high quality surface finish and preserved through proper cleaning and care according to the manufacturer's specifications.

GYMNASIUMS AND SPORT HALLS PRIMARILY USED FOR SPORTS:

1. FIRST CLEANING after completion of installation with Bona Sportive Cleaner/Remover

Depending on the degree of dirt the first cleaning will be performed with the Bona Sportive Remover or Bona Sportive Cleaner. Should the floor have sticky dirt spots that cannot be removed with the routine cleaning products, the floor should be consistently cleaned in sections and with the BONA Sportive Remover.

Pour Bona Sportive Remover in a ratio of 1:5 (1 litre Remover: 5 litre cleaning water) in the cleaning water. Sprinkle cleaning water consistently and with high amount of care on the floor and let it react **briefly** (maximum 5 minutes). After that, clean the floor with a cleaning machine and a white pad. Then the floor needs to be neutralized with clear water. There must not remain any residues and puddles on the floor. Please make sure not to use too much water on the floor, because the use of too much water can cause the wood floor to swell.

In case the floor is only a little dirty, it should be sufficient to clean the floor with the Bona Sportive Cleaner. Pour 50-100ml **Bona Sportive Cleaner** in 10 litre cleaning water and mop the floor. Bona Sportive Cleaner is also appropriate for the use with cleaning machines. After completed the first cleaning, the first general care can be performed.

2. FIRST BASIC CARE with HARO Maintainer

The first basic care should be performed with the BONA application mop. The care product HARO Maintainer should be applied in one thin coat (approx. 1 Liter for 30 – 50 m²). The frequency of this procedure depends on the usage of the floor. Die basic care becomes necessary if no sufficient care product film is on the floor. The basic care has to be performed after every basic cleaning.

3. ROUTINE CLEANING with Bona Sportive Cleaner

Remove all residues with a vacuum cleaner or broom. Pour **Bona Sportive Cleaner** in a ratio of 50ml:10l in the cleaning water. Depending on the degree of dirt, ratio could go up to 100ml:10l. Mop the floor.

According to DIN 77400 the routine cleaning should be carried out 5 times per week.

4. Intensive Cleaning with Bona Sportive Cleaner Plus

To remove scuff marks and grease, perform a routine cleaning first. Then pour **Bona Sportive Cleaner Plus** in a ratio of **1:5** in the cleaning water, apply it on the floor with mop or cloth, let it react for 5 minutes, clean floor with a buffing machine and a red pad, remove all residues. Mop the floor again with clear water.

5. BASIC CLEANING with LOBACARE WAX REMOVER

Should the floor show dirt spots that cannot be cleaned with regular cleaning procedures, a basic cleaning should be performed. The floor should be cleaned consistently and in sections with the Bona Sportive Remover. Pour **Bona Sportive Remover** in a ratio of **1:5** in the cleaning water, sprinkle the cleaning water consistently on the floor and let it react for max 5 minutes. Then clean the floor with a cleaning machine using a white pad. After that the floor needs to be neutralized with clear water. There must not remain any residues of the Bona Sportive Remover and puddles on the floor. Please make sure not to use too much water on the floor, because the use of too much water can cause the wood floor to swell.

In case the floor is only a little dirty, it should be sufficient to clean the floor with the Bona Sportive Cleaner. Pour 50-100ml **Bona Sportive Cleaner** in 10 liter cleaning water and mop the floor. Bona Sportive Cleaner is also appropriate for the use with cleaning machines. After completed the first cleaning, the first general care can be performed.

Attention: Use the water carefully, strictly avoid puddles or flooding on the hardwood floor!

The floor plates should be taken out, the frames and floor plates need to be dried with a cloth.

- after each basic cleaning a first general care (see point 2.) is required
- Heavily stressed areas such as traffic areas, dance areas etc. should be treated substantially with LOBACARE SPORT POLISH in order to avoid technical abrasion.

PLEASE NOTE:

Wood is a natural product. HARO Hardwood Sports Floor must **NOT** be flooded with water, since this may cause a swelling of the floor and thus damage the floor. It is therefore essential to be careful when cleaning and maintaining the floor and to economise with water and water-based products.

GENERAL:

Scuff marks from sport shoes can only be removed by intensive basic cleaning, which is time consuming and cost intense. As a result, scuff marks are removed with the regular basic cleaning. Technically, it's not possible to remove scuff marks during every routine care. Scuff marks are molten particles from shoe soles, left from sliding on the sports floor. I.e., the user cannot expect the sports floor to be completely free of scuff marks after every cleaning and care procedure. Don't use the floor care machine too frequently. Try to run it with the smallest amount of water as possible. This can be optimised by reducing the water flow and maximising the suction on your floor care machine.

CLIMATIC CONDITIONS IN THE GYMNASIUM:

The climatic conditions in the gymnasium should be kept at a temperature of approx. 18°C (64°F) and a relative air humidity of approx. 50% to assure that

- ◆ HARO Sports hardwood floor panels stay seamless and
- ◆ The tongue and groove connection of the HARO Sports hardwood floor panels and, for example, the counterfloor stays reliably tight.

Non-compliance with the above mentioned climatic conditions may cause damage to the HARO Sports Floor components.

INDUSTRIAL STANDARDS CONCERNING LAYING OF THE HARDWOOD FLOORS

The following German DIN Standards should be followed:

- DIN 50014: Standard climate
- DIN 280, part 1: Hardwood floor

Source of supply

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Supplement to the cleaning and care instructions for HARO Sports Floors

Ensuring that the pressure and function of the cleaning machine is adjusted to the sports floor construction and proper care products are used for the top layer, is not all that needs to be considered to preserve the function and durability of the sports floor for years to come. Apart from the measures described above, the sports floor requires additional maintenance with regard to the

- HARO Floor plates
- HARO base boards
- Expansion gap to the wall

HARO Floor plates:

- When the floor is cleaned dry, check the function of the floor plates at least every 4 weeks. Dirt which has accumulated in the frame and on the rubber profile around the floor plate must be removed.
- Take off the floor plates after every damp cleaning and wipe off any residues from water and cleaning agents.
- To assure that the floor plate opens smoothly, rub in the rubber profile with talcum or graphite.
- On the first sign of rust or condensation water on the sleeves, take off the floor plates at least once a week for one night to allow moisture to evaporate.
- Should rubber profiles come off due to improper handling, replace them with new ones.

HARO VENTILATED BASE BOARDS:

The ventilation slits must be open at all time to guarantee proper ventilation of the subfloor. Chewing gums, cigarette ends, papers, etc. must be removed from time to time, and dust and dirt accumulated in the expansion gap between the floor and the wall should be vacuumed away.

EXPANSION GAPS:

Make sure that no cleaning water runs into the expansion gap under threshold cover plates and roof profiles, i.e. gaps need to be absolutely leak proofed between the sports flooring and the adjoining floors. Therefore, check the press fit of metal profiles regularly.