

CLEANING AND CARE INSTRUCTIONS for PERMADUR[®] finished HARO Sports hardwood floors

Stand 02/2013

The German DIN V 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. INITIAL CLEANING after completion of installation with Bona Remover / Sportive Cleaner

Depending on the degree of dirt after the installation, the first cleaning is to be performed with Bona Remover or Bona Sportive Cleaner. Should the floor have sticky and/or dirty spots that cannot be removed with the Sportive Cleaner, the floor should be consistently cleaned in sections with the Bona Remover.

In case the floor is only a little dirty, it is sufficient to clean the floor with the Bona Sportive Cleaner. Pour 50 – 100ml **Bona Sportive Cleaner** in 10 litres of cleaning water and mop the floor. Bona Sportive Cleaner is also appropriate for the usage with cleaning machines. After completion of the initial cleaning, the first basic care can be performed.

Should the floor have sticky and/or dirty spots, pour **Bona Remover** in a ratio of 1:5 (1 litre Remover: 5 litre water) in pure water. Sprinkle this cleaning water consistently and carefully on the floor and let it react briefly (5 minutes max.). After that, mop the floor with a cleaning machine (we recommend Marob Giant Cleaning machine). Then the floor needs to be neutralized with clear water. No residues or puddles of cleaning water must remain on the floor.

2. FIRST BASIC CARE with HARO Maintainer

The first basic care is to be performed with HARO Maintainer. The Maintainer will revive a scratched and dull surface, and also provides continued protection against wear. It meets the DIN 18032 for slip resistance. The care product HARO Maintainer should be applied in one thin coat (approx. 1 litre for 33 m²; ready-to-use product, do not dilute). The frequency of this procedure depends on the usage of the floor. Basic care becomes necessary if the care product film on the floor is insufficient. The basic care with HARO Maintainer has to be performed after every thorough cleaning with Bona Remover.

3. ROUTINE CLEANING with Bona Sportive Cleaner

Remove all dirt and dust residues with a vacuum cleaner or broom. Pour **Bona Sportive Cleaner** in a ratio of 50 ml: 10 l in the cleaning water. Depending on the degree of dirt, ratio can go up to 100 ml: 10 l. Mop the floor, preferably with Marob Giant Cleaning machine, twice to three times a week, should the floor be used on a daily basis.

According to DIN 77400, the routine cleaning should be carried out even 5 times a week while normal school usage. The maintenance cleaning is required more frequently if the sports hall is going to be used additionally by organised club sports in the evening and on weekends (see DIN 77 400). No scrubbing machine is to be used for regular maintenance cleaning.

4. INTENSE CLEANING with Bona Sportive Cleaner Plus

Bona Sportive Cleaner Plus is a concentrated alkaline detergent, designed for occasional cleaning of sports floors to remove the build-up of body fats from sweat and other contaminants. This will restore the slip resistance on floors which have become slippery over time. It may also be used on black heel marks and scuff marks.

To remove scuff marks and grease, perform a routine cleaning first. Then pour **Bona Sportive Cleaner Plus** in a ratio of 1:5 in clear water, apply this cleaning water on the floor with cleaning machine (preferably Marob Giant Cleaning machine), let it react for 5 minutes. Then re-mop the floor with pure water to remove all residues of detergent.

IMPORTANT

The HARO sports parquet should not be drowned with too much water; otherwise damages could accrue through a moisture expansion of the wood. Therefore, special attention need to be paid to while cleaning with water or water based products so that as little as possible water is being applied to the sports floor.

GENERAL:

Scuff marks from sport shoes can only be removed by intense cleaning with Bona Sportive Cleaner Plus, which is time consuming and cost intense. As a result, scuff marks are removed during routine cleaning. Technically, it is not possible to remove scuff marks during every routine cleaning. 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. Do not 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 maintained at a temperature of approx. 18° - 22° C (64° - 72° F) and a relative air humidity of approx. 45 – 55%.

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

DIN NORM, as far those to be followed for the parquet installation.

DIN 50 014	Norm Climate Chart
DIN 280 Part 1	Parquet, Complete parquet element

SOURCING REFERENCE

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

- HARO safety frames
- HARO safety skirtings
- Expansion gaps to the wall

HARO SAFETY FRAMES:

- When the floor is cleaned dry, check the function of the safety frames 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 safety frames after every damp cleaning and wipe off any residues of water and cleaning agents.
- To assure that the safety frame opens smoothly, treat the rubber profile with talcum or graphite.
- Upon first signs of rust or condensation water on the sleeves, remove the safety frames 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 (available with us).

HARO SAFETY SKIRTINGS WITH SLIT:

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 is to be vacuumed away.

EXPANSION GAPS:

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