

CLEANING AND CARE INSTRUCTIONS

for PERMADUR[®] finished HARO Sports hardwood floors

Dated 02/2023

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 / SuperSport Cleaner

Depending on the degree of dirt after the installation, the first cleaning is to be performed with Bona Remover or Bona SuperSport Cleaner. Should the floor have sticky and/or dirty spots that cannot be removed with the SuperSport 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 SuperSport. Pour 50 – 100ml **Bona SuperSport** in 10 litres of cleaning water and mop the floor. Bona SuperSport 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 (Bona FreshenUp)

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. HARO Maintainer and water should be applied in one thin coat with a 1:1 dilution ratio.

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 SuperSport Cleaner

Remove all dirt and dust residues with a vacuum cleaner or broom. Pour **Bona SuperSport** 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 DeepClean

Bona DeepClean 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 DeepClean** 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 sit 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 flooded with too much water since damages may occur through moisture expansion of the wood. Therefore, special attention needs to be paid to while cleaning with water or water-based products so that as little water as possible is brought onto the sports floor.

GENERAL:

Scuff marks from sport shoes can only be removed by intense cleaning with Bona DeepClean, 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 least amount of water 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. 35 – 60%.

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

DIN NORM to be followed for parquet installation:

DIN 50 014

Norm Climate Chart

DIN 280 Part 1

Parquet, Complete parquet element

SOURCING REFERENCE:

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Annex 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 in order 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

- 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 four weeks. Dirt which has accumulated in the frame and on the rubber profile around the floor plate must be removed.
- Remove 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 times to guarantee proper ventilation of the subfloor. Chewing gums, 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.