

Linoleum in gymnasiums

Primary care	LOBA SportCare (film-forming care-product according to DIN 18032) LOBA Sportbodenpflege (non-film-forming wipe care according to DIN 18032)
Maintenance	LOBA Cleaner (maintenance cleaning) LOBA SportCare (maintenance caring) LOBA Sportbodenpflege (wipe care)
Stripping	LOBA CareRemover

General remarks

Linoleum

Linoleum is a flooring basing on linseed oil (lat. lin oleum), cork and resins, usually with a jute tissue as backbone. Due to this composition linoleum is to be considered as a natural flooring which exclusively consists of renewable raw materials. Linoleum shows a humidity-regulating function. The surface is additionally insensitive against friction heat (no burn spots), hardly inflammable, resistant against glowing cigarettes and extensively solvent-proof, but not resistant against chemicals in general. Some linoleum floorings are industrially provided with a permanent surface protection.

Cleaning and caring linoleum in gymnasiums

Like any other flooring also linoleum is subdued to a natural wear which can be counteracted by adequate measures. Sand, dust and other dirt particles behave like sanding paper and scratch the surface. Thus early removal of these particles chiefly contributes to a prolonged flooring lifetime. Additionally film-forming care products can be used to protect the flooring by formation of a sacrificial layer. This measure is important since linoleum becomes more rough during use by the acting abrasive forces. Such a surface would be preferably attacked by chemicals.

Due to the sensitivity against acidic and alkaline chemicals, pH-neutral products are to be used. This also forces the use of special linoleum-suitable strippers.

First cleaning

According to dirt-type and severity use LOBA Cleaner or LOBA CareRemover.

Primary care

Pre-treatment

The floor must be clean and free from grease, wax, etc. Old care-product layers must be removed. Thus at least a maintenance cleaning procedure using LOBA Cleaner must be carried out. If necessary, a stripping procedure must be performed.

Film-forming care

Use LOBA SportCare. In case your floor is large up to about 200sqm, apply the care-product thinly and evenly using the LOBATool Wischwiesel. For larger areas we recommend to use the MAROB Gigant. Never work into the drying surface. The floor can be used again after about 30 minutes. Full stressability after drying over night. A second application can become necessary on strongly absorbing substrates.

Non-film-forming care

If no film-forming care is desired, LOBA GymCare can be used alternatively. To do so dilute LOBA GymCare with water at a ratio of 1:5 and apply this solution with a MAROB Gigant. On areas smaller than about 200 sqm a broad mop can be used alternatively.

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Maintenance

Cleaning

Add 50-100mL LOBA Cleaner to a bucket (10L) of water and wipe the floor. The cleaning intervals are to be determined experimentally.

Film-forming primary care

Make sure there is always enough protective layer on your floor. If necessary apply LOBA SportCare again undiluted.

Alternatively maintenance care can be carried out using LOBA GymCare. To do so mix LOBA GymCare with water at a ratio of 1:10 and wipe the floor. Do not remove the cleaning solution from your floor but allow it to dry.

Non-film-forming primary care

Mix LOBA GymCare with water at a ratio of 1:10 and wipe the floor. Do not remove the cleaning solution from your floor but allow it to dry.

Stripping

Mechanical or manual stripping become necessary if the floor shows heavy stains or walking paths which can not be removed within a maintenance cleaning procedure. A stripping procedure also becomes necessary if already 3 layers of a film-forming care product has been built up and a new layer would be necessary. A stripping procedure is performed using LOBA CareRemover (1 - 3L per bucket (10L) of water). Spread the cleaning solution onto the floor and allow to take effect for a short period of time. Work over the floor with a buffing machine and a green pad. On smaller areas also a scrubber can be used. Remove dissolved dirt before it dries again. Wipe the cleaned floor afterwards thoroughly with clean water to remove any cleaner residues. A new primary care is necessary (see there) since all care layers has been removed by the stripping procedure.

Notes

Stripping procedures should be carried out as seldom as possible.

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