

PVC and polyolefine in gymnasiums

Primary care	LOBA Sportbodenpflege (wipe care product according DIN 18032 for gymnasiums)
Maintenance	LOBA Sportbodenpflege
Stripping	LOBA SpecialRemover

General remarks

PVC

PVC (polyvinylchloride) is a thermoplastic flooring which features good wear- and chemical resistance. Nevertheless the material is sensitive against several solvents. Due to its thermoplastic properties strong frictional heat causes the material to melt. Thus especially in gymnasiums the known phenomenon of burns can be observed.

Polyolefine

Polyolefine floorings consist also of thermoplastic material. They show an improved burning behaviour since no hydrogenchloride is formed during combustion. Polyolefine has similar properties than PVC. Thus polyolefine is used to replace PVC although the latter is better with regard to wear- and scratch-resistance.

Cleaning and caring PVC- and polyolefine-floorings

Like any other flooring PVC and polyolefine floorings are subjected to natural wear which can be counteracted with adequate measures. Sand, dust and other dirt particles behave like sanding paper and scratch the surface. Thus early removal of these particles essentially improve the floorings' life expectancy. This effect can be fortified by using layer-forming care products. Additionally black-heel mark resistance at one hand and cleanability on the other will be improved.

First cleaning

Use LOBA Cleaner or LOBA CareRemover as required.

Primary care

Mix 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.

Maintenance

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

Manual or mechanical stripping procedures become necessary in case of heavy stains which can not be removed during maintenance cleanings.

To strip your floor use LOBA SpecialRemover (1-2L 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 using a buffing machine and a green pad. The dissolved dirt must be removed before it dries again. Wipe the floor subsequently with clean water to remove any cleaner residues.

Since all care layers has been removed by the stripping procedure, a new primary care (see there) is to be carried out.

Notes

Stripping procedures should be carried out as seldom as possible.

At prolonged contact of plastifier-containing materials (e.g. rubber, plastics in stands of devices and furniture) with the varnish, plastifier-movement must be expected. This may cause non-reversible colorization of the varnish.

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