

Cleaning and maintenance of resin floors

1. The systems of synthetic polyurethane sports floors and wooden sports floors protected by polyurethane topcoats meet the requirements of PN-EN 14904.

1.1 General

Special sports floors should retain their basic characteristics over a longer time, i.e. flexibility, uniformity of the coat, standardised gloss and slip.

Hence it is necessary that basic rules and procedures are followed to keep the floor in a proper condition:

- protect the floors from sand – install a system of door mats at the entrance to the hall;
- entry to sports facilities must only be allowed in athletic footwear;
- mobile equipment (benches, gym equipment, goals, etc.) must be secured from local damage to the topcoats when moved.

1.2 Washing and care

Before washing the floor, remove all dirt and sand with soft brushes/brooms or vacuum cleaners with broom attachments.

Wash the surface with a solution of Supraclean 200 and water (100 ml of Supraclean 200 per 5 l of water) with a flat mop or special power cleaners. The product's components remove dirt without degrading the protective coats. See the detailed instructions of use for Supraclean 200 on the label and technical data sheet DT-07-03.

Persistent dirt and stains can be spot cleaned with soft clothes and concentrated Supraclean 100. It is allowed to periodically wash the entire floor with a solution of water and Supraclean 100 (10 parts of water per 1 part of the formula). The cleaning frequency of this thorough cleaning process depends on actual loads and use of the floors; do not wash more than once per quarter.

Do not use care or polishing products which create new acrylic or wax coats without permission of the manufacturer; the agents significantly affect the slip of the surface and in rare cases, they may damage the finishing coats of the floor.

2. Synthetic polyurethane outdoor sports floor systems

2.1 General

NOVOFLOOR sports floor systems give a uniform surface which can be kept clean with little effort. Remove dirt, leaves, etc. and periodically wash the entire surface with pressure water spray. In order to maintain the surface's aesthetic appearance, biocides may be used, however not more often than once a year (according to the manufacturer's instructions, following consultations with the system manufacturer), to remove moss and weeds. The NOVOFLOOR system components are resistant to salts so they can also be used in winter.

2.2 Care

If repairs are necessary at areas of intense wear following many years of service, or at areas damaged due to accidents or acts of vandalism, use the materials and processes which have been used to build the original floor.

If the floor has been soiled with paint or graffiti, do not clean solvents without permission of the manufacturer – the agents may permanently damage the surface.

3. Playgrounds

3.1 General

NOVOFLOOR PZ-variety gives a uniform surface which can be kept clean with little effort. The surface must be swept in order to remove rubbish, leaves, etc. It must be periodically washed with a water pressure spray. In order to maintain the surface's aesthetic appearance, biocides may be used, however not more often than once a year (according to the manufacturer's instructions, following consultations with the system manufacturer), to remove moss and weeds. The NOVOFLOOR PZ system components are resistant to salts so the floor can also be used in winter.

If repairs are necessary, use materials and technologies utilised for floor construction.

Using solvents to clean the floor may result in damaging its surface.

If in doubt, contact the manufacturer.

4. Industrial epoxy and polyurethane floors

4.1 General

Industrial epoxy and polyurethane floors have many applications, e.g. as protection for manufacturing floors, workshops, offices, laboratories, commercial areas or warehouse/storage sites. They are also installed in public institutions; they also see an increased use in private housing.

This wide range of uses is the result of the strength and visual parameters of the NOVOFLOOR systems. The durability of these solutions largely depends on the way of their operation, and especially on cleaning and care methods. Incompatible cleaning products may deteriorate the aesthetic value and strength parameters.

The floor systems by Novol are manufactured and delivered on custom order to adapt the finished product to the mechanical and chemical stress, and the specifics of the industry they are operated in, as determined by the investor.

It is the user's best interest to consult any changes in the floor loads, which e.g. result from changing the method of use, with the contractor or the manufacturer.

Local mechanical damage must be immediately repaired. Consult the repair method with the manufacturer. The investor is entitled to free consultation once their NOVOFLOOR systems have been chosen and built.

The floors feature specific ranges of resistance to chemical agents, depending on the system type and the time of exposure of each agent. Hence the time required to remove agents from the surface without impact on the appearance and functionality of the floor may vary.

4.2 Washing and care

The primary condition of retaining the functional value of the floor is mechanical removal of loose particles with the use of soft brushes/brooms or vacuum cleaners; loose particles act as abrasive materials.

Regular cleaning requires a solution of water and Supraclean 200, a flat microfibre mop or special power cleaners. See the detailed instructions of use for Supraclean 200 on the label and technical data sheet DT-07-03.

Persistent dirt and stains can be spot cleaned with soft clothes and concentrated Supraclean 100 (Technical Data Sheet DT-07-04).

In manufacturing, workshop and storage areas, Supraclean 100 can be used to wash the entire surface, if diluted with water (1 part of the formula per 25 parts of water).

These floors can be maintained with care products which restore the aesthetic appearance and provide additional protection. Use Supraclean 300 (for matt floors) or Supraclean 400 (for glossy floors) on NOVOFLOOR systems. See the detailed instructions of use on the label and technical data sheets (DT-07-01 and DT-07-02).

When mechanical (power) cleaning is used or professional cleaning service is hired, contact the manufacturer in advance.

If disinfectants are required by law, they must be selected by consulting the formulas with the NOVOL Laboratory.

Avoid exposure to water for 7 days (at 20°C) from the application of the floor coating. Immediately remove water if spilled or splashed. Leaving water on the surface may result in staining or discolouration of the floor surface.

5. General notes

5.1 These guidelines can be expanded by recommended service providers who may complement the manufacturer's guidelines based on the known specific intended use, experience and know-how under warranty conditions.

5.2 NOVOFLOOR resin floors are resistant to alkaline cleaning agents (with a maximum pH-value of 10) which are commonly used to remove fats, oils and other typical impurities. Please remember that acidic substances used for cleaning washing and sanitary facilities, ceramic tiles etc. with a pH-value below 6 must not be used, since they may lead to discolouration of the floor surface and damage it. Mild cleaning agents with a neutral or slightly alkaline reaction (pH: ca. 8) are often used in daily cleaning, e.g. Supraclean 100 or Supraclean 200.

Other information:

The effectiveness of our systems results from laboratory research and many years of experience. The data contained herein meets the current knowledge about our products and their application potential. We ensure high quality, provided the user follows the instructions and the work is performed in accordance with good workmanship. It is necessary to do a test application of the product due to its potentially different reaction with different materials. We may not be held liable for defects if the final result was affected by factors beyond our control.