MAINTENANCE POLYAC® SYSTEMS

CLEANING PRODUCTS

POLYAC® systems by Resiplast are insensitive to high PH–concentrations. Alkaline cleaning products can, as such, be used to clean our systems. Both sodium and potassium based products are an option. Surfactants and hypochlorite additives are also harmless.

In case an acid cleansing agent is applicable, only phosphoric acid products can be used. Lime stains should be removed, using dilute hydrochloric acid or an acetic acid solution (in both cases 10% solution) and must be neutralized, rinsed and removed immediately after treatment in order to counteract accumulation after evaporation.

Also ammonia and ammonium chloride concentrations up to a maximum of 1% can be applied. Higher concentrations may cause yellowing of the systems.

CLEANING

For smaller surfaces the best way to clean is brush and/or vacuum clean, and then sand down using a scrubbing brush, rinse, wipe and mop.

In case of anti-slip surfaces, mopping and wiping causes extra wear.

In case of larger surfaces one can first remove loose dirt by brushing and then by cleaning with a brushing machine or water suction unit or combine these by using a cleaning machine for cleaning.

Also, a high pressure washer or steam cleaner can be used, but only up to 50 bar and up to a maximum of 50°C.

The customer will determine the cleaning frequency, considering the dirt accumulation, type of load, environmental conditions, etc.

DISINFECTION

Disinfecting can be done, using products based on hypochlorite, formaldehyde or hydrogen peroxide. In case of using the latter, please note that when the surface is in contact with high concentrations of hydrogen oxide for several hours, discolouration may appear.

Nitric acid will discolour the floor.

ALCOHOL AND SOLVENTS

PMMA and Puma systems are sensitive to alcohol and solvents. We, therefore, strongly recommend NOT using these as a cleaning agent.

Aromatic and Halogen hydrocarbons may not be used at all.

WEAR AND DAMAGE

Wear and/or damage of the top layer, the wear layer and the waterproof layer can be unlimitedly repaired due to the unlimited "re-coat time" of our POLYAC® systems.

Remove damaged or loose parts and restore by applying again the original structuring.

If the primer layer shows damages, this must be applied again to the surface in accordance with the description in the respective the Technical Data Sheet.

ODOUR

PMMA resins (PolyMethylMethAcrylate) are regarded as irritating in case of direct contact to the skin. These resins are, however, not toxic or harmful.

Other resins may cause health problems and allergic reactions in the long term. Since the development, during or after use of PMMA, no health problems or allergies were reported.

The specific odour of methacrylate monomer does not represent any danger. We advise proper ventilation in the workspace in order to get rid of the odour. This will disappear soon after the polymerization of the resin.

The methacrylate monomer has a very low odour threshold (0,008 ppm, 0,8 mg/m³)

The permissible concentration during 8 hours/day and 5 working days per week is 50 ppm. (600 mg/m³ Swedish – Dutch advice council 38 mg/m³)

PERSONAL PROTECTIVE MEASURES

People who come into direct contact with POLYAC® resins are required to wear the following personal protective equipment: gloves, safety glasses and protective mask.

People at a greater distance than 5 meters from processing: no specific protective measures are required.

Additional information can be found in technical documents and the POLYAC® Resins Safety Data Sheets.