

## Cleaning of industrial floors with the **INARCO®** products

### General:

Industrial floors are usually contaminated with materials such as oils, varnishes, paints and resins. To remove such soiling, a normal building cleaner is no longer sufficient.

The INARCO chemical products, in addition to removing such soiling from e.g. machine parts, are also suitable for floor cleaning.

In order to achieve an optimal result, it is advisable to use our support to determine the suitable product and the appropriate application concentration.

### 1) Cleaning technique - manual

#### Flat mop



A flat mop is particularly suitable for smooth surfaces for clean pick-up and for a relatively "dry" result on the floor. Microfiber is best for rough surfaces, cotton is more suitable for high absorbency

Microfiber pad



Cotton pad



#### Fringe mop



A fringe mop is rather unsuitable for industrial floors, only the better choice for very uneven floors or stairs. Here, too, there are different attachments, depending on the soil condition



#### Edge plasterer

Edge cleaning tools are available with and without handle and with different pads (black = strongest). Edge plasterers are used wherever there are small areas or places inaccessible to machines



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### 2) Cleaning technology - mechanical

#### Single disc machine



Very coarse soiling can be removed well with the single-disc machine. Depending on the soiling and load capacity of the floor, different pads are possible. The cleaning agent is applied to the floor either manually or by means of a feed hose. After cleaning, the cleaning liquid can be collected either manually or with a wet vacuum cleaner.

#### Wet vacuum cleaner



#### Automatic scrubber dryer



An automatic scrubber dryer is an elegant solution, especially for regular maintenance cleaning. A pad on the front part of the machine together with the dosed cleaning liquid gives a good cleaning performance. The suction lip at the rear part of the machine sucks up the cleaning liquid with the dirt. Disadvantage is that the exposure time is relatively short, which can be compensated with multiple applications or make the cleaning cycles shorter to prevent excessive soiling

The automatic scrubber-dryer contains supply hoses and suction lip made of different materials (depending on the manufacturer). Make sure that the material is compatible with INARCO products (silicone).

Likewise, the float must withstand the products. Before use, always check the material compatibility first.

Mechanical cleaning is suitable for large, easily accessible areas for both basic and maintenance cleaning. Especially here, when using INARCO products, it is recommended to collect the cleaning liquid, either with a wet vacuum cleaner or automatically with the automatic scrubber-dryer in the waste water tank. The dirty water is allowed to settle and only the sediment has to be disposed of, the rest is permanently reusable. Most INARCO products are foam-free/low-foam and good for machine application.

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### **3) Cleaning performance vs. soil degradation:**

Cleaners with a high performance in removing e.g. lacquers can attack certain floor materials. For this reason, it is recommended to check beforehand on a non-visible spot whether the material is attacked in the case of sensitive floor coverings.

For the selection of the suitable product as well as the adjustment of the best concentration, the support of INARCO-Chemie is gladly available on site.

### **4) Drying times - Walkability - Slip hazard - Occupational safety:**

The conditions on site are very different. If cleaning is carried out during normal working hours, i.e. employees walk over the still wet floor, then care must be taken to ensure that the floor is not slippery (occupational safety). With the right dilution ratio, this can be achieved with INARCO products. Basic cleaning (stubborn stains) should be done with a higher concentration, but then outside normal operating hours.

Alternatively, there is an anti-slip product that is applied undiluted and cleaned up with water (e.g. mop). The risk of slipping is significantly reduced and safe cleaning is ensured (INARCO FR-11B).

### **5) Disposal**

The topic of disposal is becoming increasingly important: on the one hand for cost reasons, and on the other because of the issue of "hazardous materials".

INARCO-Chemie has therefore designed the cleaning products in such a way that most of the contamination settles to the bottom after cleaning. This makes it possible to dispose of only the sediment, and the rest can be used to continue working permanently. When the performance decreases, only the INARCO product is used for re-sharpening.

This means that only a small proportion has to be disposed of; the disposal depends on the material that is brought in (e.g. the customer's paint).

INARCO-Chemie will be happy to advise on site how to dispose of the least amount of material and at the same time give INARCO products the longest mileage. Since this works a little differently for each customer, we recommend using INARCO-Chemie's support.

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### Examples of cleaning industrial floors:



INARCO LFZ-24CM in a dilution of 1:8  
Application: automatic scrubber dryer

Result: high degree of whitening, most of the contamination removed, only residues mainly in grooves of uneven floors



INARCO LFZ-24CM in a dilution of 1:8  
Application: single disc machine + wet vacuum cleaner

Result: high degree of whitening, most of the contamination removed, only residues mainly in grooves of uneven floors

before



after



INARCO FR-11B undiluted:  
Application: Cleaning with edge  
cleaning device, exposure time  
approx. 10 min.

Result: most of the pollution removed

INARCO-Chemie offers you the support to find the optimal solution for you on site with your circumstances!