Cleaning recommendation (LogiPro)

Cleaning and maintenance for OBTEGO® R-30 treated surfaces (machine cleaning)

Abstract

OBTEGO® R-30 is a surface finishing solution, which reduces the soiling of cementitious industrial floors. An additional treatment with waxes, stone soaps or other cleaners with care additives are not usually necessary, because these products have a film-forming effect and build up layers on the surface. These polymer or wax layers pollute with time. Also there could be a risk that it comes to a surface like an orange peel, if a cleaning pad is incorrectly used.

OBTEGO® R-30 effects on cementitious floors not as a permanent protection against acids; therefore not use any cleaner with a low pH value on the surface.

Spilled liquids should be cleaned up soon. For acidly liquids (e.g. special cleaners in production lines, battery acid, Skydrol, etc.) or strong coloring substances (e.g. hydraulic oils, deep-drawing or forming oils, drilling emulsion, etc.) a immediate cleaning is recommended.

Cleaning

A cleaning with auto scrubber is suitable for large and free areas. Therefore should be used appropriate cleaning pads (e.g. red cleaning pad) or suitable soft to middle hard brushes and low-foaming detergents like pH neutral floor cleaners, pH neutral disinfecting floor cleaners or mildly alkaline cleaners* without film-forming additives (e.g. cleaner OBTEGO® C-105. For a better cleaning result, use cleaning pads on power trowelled or grinded/polished surfaces. Detergents should be not used in the first week after application of OBTEGO® R-30. If soiling of the floor is not too much, basically a cleaning process just with water (without detergents) is sufficient.

Standard cleaning procedure with OBTEGO® C-105:

1. OBTEGO® C-105 (mixing ratio: 50-100ml / 10 liter clear tap water)

2. Recommended machines for daily cleaning are auto scrubbers or ride-on machines with soft to middle hard cleaning pads for maintenance (e.g. standard red cleaning pad).

Auto scrubber

Ride-on scrubber

High-speed burnisher

3. In case to achieve more gloss on heavy used areas it is always an option to use a high-speed burnisher with a suitable high-speed pad.

Maintenance / Refreshing

For heavy used areas and depending on application and floor, a floor maintenance product is recommended (e.g. OBTEGO® C-205). Mixing ratio and frequency of use must be adapted by the cleaning staff locally. OBTEGO maintenance products also ensure for a refreshing of the surface protection.

Standard maintenance procedure with OBTEGO® C-205:

1. OBTEGO® C-205 (mixing ratio: worn out areas 250ml / 10 liters clear tap water; standard maintenance cleaning: 250-500ml / 100 liters clear tap water).

2. Hand application: Plunge microfiber mop into the maintenance liquid, use mop-press and wipe floor in movements like an eight. Alternatively it is possible to spray the maintenance liquid with a pump-sprayer on the floor and mop it. Notice: Take care for a uniform application. Avoid surpluses and puddles. Machine application: With standard maintenance cleaning application pour product into water tank of auto scrubber.

3. Allow the maintenance film to dry up totally. Should any material surpluses arise, they must be removed before drying.

4. If required, surfaces can be polished after drying. Sufficient buffing machines can be single disc machines with 150-300 rpm or to achieve better gloss high-speed machines with around 1.500 rpm.

Basic cleaning / new application

A basic cleaning is with a correct cleaning and maintenance not necessary. Should there be, due to a strong mechanical stress or irreversible stain a damage on the floor, the surfaces must be usually regrind and OBTEGO® R-30 must applied again. Slight etching stains are usually superficial and can be normally removed with diamond pads. Assumed that the impregnation is not badly damaged, it is sufficient to apply OBTEGO® C-205 to the stressed area. When using more aggressive pads/diamond pads, a new application of OBTEGO® R-30 is necessary.

Standard basic cleaning and new application of OBTEGO® R-30:

1. Basic cleaning with alkaline cleaner OBTEGO® C-10 (mixing ratio 1:30) and diamond pad (recommendation: HTC Twister pad red color). For basic cleaning use single disc machine and a wet vacuum cleaner or suitable auto scrubber with the possibility to adjust surface pressure of the pad to the floor.

2. After basic cleaning wash floor again with plenty of clear water (neutralize).

3. Wait until surface is completely dry and apply OBTEGO® R-30 again according to manufacturer guidelines.

Buffing / Polishing

On grinded or polished surfaces, like concrete floors, artificial stone, terrazzo, etc. buffing/polishing pads can be used to maintain an always dense and glossy surface of the floor. Pads can be used daily or as required. In individual case, the usage must be coordinated locally with the floor properties. (Recommendation for buffing/polishing pads: High-Speed/Burnishing pads with natural fibers for concrete floors or diamond pads like Twister pad yellow or green from HTC Floor Systems).

First cleaning / final cleaning

A first cleaning after the application of OBTEGO® R-30 is not necessary. For a cleaning after building completion, use depending on floor type, soft to middle hard cleaning pads (e.g. standard red cleaning pad) or brushes with above mentioned cleaners. On glossy surfaces diamond pads are recommended.

* Don't use strong alkaline cleaner such as floor stripper, hard surface cleaner, etc. If absolutely necessary, use only a minimal addition of such detergents. If possible don't use alkaline cleaner.

This information should only be a non-binding advice. The uses of cleaning and care products are based on local conditions and on the surface itself. If there is no experience, and in cases of doubt, we recommend to try the cleaning concept before.