

Cleaning and maintenance for OBTEGO Concrete Coat Si treated surfaces

Abstract

Concrete Coat Si is a one component hybrid coating for the protection of cementitious surfaces. The product protects the surface against the penetration of aqueous liquids as well as oils, fats and other dirt.

An additional treatment with standard waxes, stone soaps or other cleaners with care additives are not necessary, because these products have a film-forming effect and build up layers on the Concrete Coat Si surface. These polymer or wax layers can tend to pollute by time.

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

Cleaning

A cleaning with auto scrubber is suitable for large and free areas. For this purpose, appropriate cleaning pads (soft to middle hard 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 mild alkaline cleaners* without film-forming additives (e.g. cleaner OBTEGO C-105) shall be used. Detergents should be not used in the first week after application of OBTEGO Concrete Coat Si. 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. Mixing ratio: 0,5-1 Liter / 100 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

Intensive Cleaning

In case heavy traffic stains like rubber abrasion from tires are present an intensive cleaning can be applied.

Intensive cleaning procedure with OBTEGO C-105:

1. OBTEGO C-105 (mixing ratio: 1 liter / 10 liter clear tap water)
2. Wet the floor by auto scrubber only water without suction lip
3. In order to split diluted OBTEGO C-105 on the floor use pump sprayer or use auto scrubbers /ride-on machines with soft to middle hard cleaning pads for cleaning (e.g. standard red cleaning pad or diamond pad > #800) **without** suction lip
4. Duration time of cleaning solution up to 5min. before it dries up
5. After duration use auto scrubber machine or ride-on machines with soft to middle hard cleaning pads for cleaning (e.g. standard red cleaning pad or diamond pad >#800) **with suction lip** to remove cleaning solution. Afterwards use auto scrubber with water to rinse the surface.

Maintenance

For heavy used areas and depending on usage and floor, a maintenance by using OBTEGO® C-200 could be recommended. However, this must be adapted by the cleaning staff locally on the cleaned floor.

Surface maintenance procedure with OBTEGO C-200 (for manual wiping only):

Mixing ratio: worn out areas: pure
refreshing: 500 ml / 10 Liter clear tap water
standard maintenance cleaning: 0,5-1 liter / 100 Liter clear tap water

1. Plunge 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.
2. Allow the maintenance film to dry completely. Note: When wiping, make sure that it is applied evenly. Extreme surpluses must be avoided and removed before drying.

New application

If the coating or the floor is damaged as a result of strong mechanical stress or irreversible stains, the surface can be re-coated by applying OBTEGO Concrete Coat Si again. Also when more aggressive pads/diamond pads were used, a new application of OBTEGO Concrete Coat Si can be necessary. Therefore the surface has to be cleaned according to procedure below. If the coating is damaged too much the surface has to be re-grinded before application. Apply OBTEGO Concrete Coat Si according to manufacturer guidelines

Cleaning for new application of OBTEGO Concrete Coat Si:

1. Cleaning with alkaline cleaner OBTEGO C-10 (mixing ratio 1:30) and suitable abrasive cleaning- or diamond pad (e.g.: grit size #400). Use single disc machine and a wet vacuum cleaner or suitable auto scrubber on the floor.
2. After cleaning wash floor again with plenty of clear water (neutralize).
3. Wait until surface is completely dry and apply OBTEGO Concrete Coat Si again according to manufacturer guidelines

First cleaning after application of Concrete Coat Si

A first cleaning after application of OBTEGO Concrete Coat Si 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 soft to mild hard brushes with above mentioned cleaners.

* 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.