

Cleaning recommendation

Cleaning and maintenance for OBTEGO[®] impregnated surfaces (manual cleaning)

Common

OBTEGO[®] is a highly effective impregnation / sealer, which prevent widely the penetration of liquids and dirt into the surface. 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[®] effects on cementitious floors, limestone, marble, sandstone, etc., not to a permanent protection against acids; therefore not use any cleaner with a low pH value on acid-sensitive surfaces.

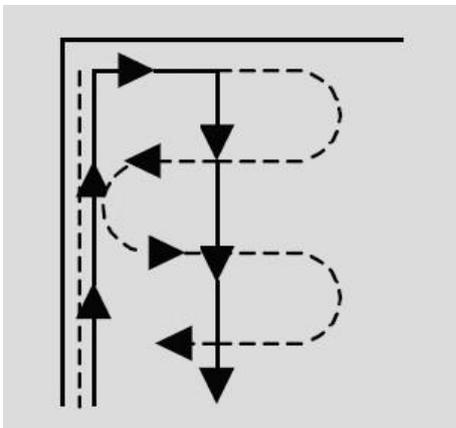
Spilled liquids should be cleaned up soon. Acidly liquids (e.g. red wine, orange juice, etc.) or strong coloring substances (e.g. hair dyes) a immediate cleaning is recommended.

Cleaning

Good cleaning results are achieved with two-step wiping (2-mop system + double bucket or with special one-step cleaning process with appropriate microfiber mop and suitable detergent. For cleaning agents, suitable pH neutral cleaner, pH neutral disinfecting cleaner or mildly alkaline cleaners* without film-forming additives (e.g. neutral cleaner OBTEGO[®] C-100 NC) are used.

Standard cleaning procedure with OBTEGO[®] C-100 NC:

1. OBTEGO[®] C-100 NC (mixing ratio: 50-100ml / 10 liter clear water)
2. Plunge mop into the water, use mop-press and wipe floor in movements like an eight.



Cleaning movements



Double bucket cart



Single mop (microfiber)



Double mop (microfiber)

3. Use other side of mop if you are using double mop (e.g. Twixter) or another mop and wipe dry.

Maintenance

For heavy used areas and depending on application and floor, a refreshing by using a micro wax emulsion could be recommended. However, this must be matched by the building cleaning staff locally on the cleaned floor. (e.g. OBTEGO[®] C-200).

Standard maintenance procedure with OBTEGO[®] C-200:

1. OBTEGO[®] C-200 (mixing ratio: worn out areas undiluted ; standard maintenance: 100ml / 2 liter clear water)
2. 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.
3. Allow the maintenance film totally drying. If use undiluted it will be recommended to polish the floor with buffing machine and soft polishing pad.
4. 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[®] 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-200 (undiluted) to the stressed area and buff it after OBTEGO[®] C-200 dried up. When using more aggressive diamond pads, a new application of OBTEGO[®] is required.

Standard basic cleaning and new application of OBTEGO[®]:

1. Basic cleaning with alkaline cleaner OBTEGO[®] C-100A (mixing ratio 1:30) and diamond pad (recommendation: 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[®] again according to manufacturer guidelines.

Buffing / Polishing

On grinded or polished surfaces, like concrete floors, artificial stone, terrazzo, marble, limestone, 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 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[®] 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.