

Application of OBTEGO® R-400 on grinded/polished TRU self-leveling floors



TRU self-leveling floor grinded with diamond grinding machine and polished up to 800 grit (sample application). Before application, surface must be dust free and dry. (*1)



Apply OBTEGO® R-400 homogenously with a pump sprayer and work the product into the floor with a microfiber mop. Recommended fan nozzle 0,1.



Consumption of the material during first application is approx. 40-50 ml/m². The application is done in tracks. The track width follows automatically trough the wiper (approx. 1 m).



The floor must be saturated with R-400, but there should be no thick excess material onto the floor. Avoid excess material onto the surface even in overlapping areas.



OBTEGO® R-400 penetrates largely into the floor surface. A slightly, oily smear film remains on the surface.



Before the material dries up (depending on temperature and humidity between 2 – 10 min.), buff the oily smear film with a single disc machine and a white polishing pad into the floor.



Allow OBTEGO® R-400 to dry 1-2 hours, if possible better over night. The floor absorbs the product further, which makes a second application necessary.



Second application of OBTEGO® R-400 is made as step 2-6, but carried out crosswise to first application. Material consumption during second application approx. 20-30 ml/m².



During buffing pay attention to uniform appearance. Avoid large excess material, splashes and marks from the buffing machine. The pad becomes sticky and the surface slightly matt, if buffed too long with the machine on the same area.



The drying time up to foot traffic is usually about 7 hours, but may vary depending on ambient temperature, humidity and material consumption. Do not strain or cover the treated surface for 48-72 hours. Moreover, it should not be driven with floor scrubbing machines during that time.

(*1)

After diamond grinding, surface must be saturated homogenously with OBTEGO P-3 (silicate/densifier), which leads to a better tightness of the floor and therefore to a reduction of material absorption. The treatment with silicate improves also the stain protection resistance of the surface.

Some contractors apply OBTEGO P-3 already between the grinding steps, to achieve an even better penetration with the silicate onto the flooring. This is not a must, but can be carried out in that way. **In the end it is important to achieve a saturation with the silicate!** Avoid puddles and surpluses material. Drying time: overnight (min. 12 hours). Observe technical data sheets!

Notice!

This information shows only the individual working steps for the application. Material consumption and drying times depend of various factors such as floor installation, floor grinding and local conditions. If no experience is available, and in cases of doubt, make a separate sample area. Observe cleaning and maintenance recommendation. Dated: Dec.2015