



World of
Decorative Concrete

Care and Cleaning of Polished Concrete Floors

Concrete is a porous medium. It is important to note that a polished concrete floor originates from an ordinary concrete slab that has been placed and power floated. During the grinding and polishing process the top 5 mm of laitence is removed. This is done by mechanical means, with a 25 grid grinding tool. The grinding diamonds are embedded into steel that form the grinding tool. As we continue with the grinding process the grinding grid increases and half way through the process we start to polish the concrete. This is where the diamonds change from steel embedded to resin embedded. The polishing process is completed with a 3 000 grid resin based polishing tool. Simultaneously with the final polishing stages the resin scuffs off onto the concrete which results in the closing of the matrix. Finally the floor is sealed with a **penetrating sealer** which allows you to remove products spilled onto the floor before it penetrates the concrete. It is important to mention that in case items like **bleach, battery acid** or any other **acid based** products are spilled onto the floor, it must be **removed as quickly as possible**. These products will break through the barrier of the protective coating of the resin and the sealer. The concrete floor will be **etched and will form a dull spot**. This can be repaired through light sanding and polishing, followed by a re-application of the penetrating floor sealer.

We highly recommend that the client **pays extra to apply an extra coat of stain resistant sealer**. This may cost an extra R35/m² but is worth it at the end.

General daily cleaning procedure

The floor should be wiped on a daily basis with a micro fibre mop. These mops generally have a swivel head with at least a 500 mm wide base. In traffic areas the floor should be washed regularly with water and a mild soap. It is important that the soap should be of a neutral ph and **not an acid based product which is generally used for degreasing surfaces.**

The use of ammonia is also not recommended.

In smaller areas where it is not feasible to purchase an auto scrubber, a dual bucket system should be used with a fibre mop to wash the floors. The water should be extracted from the floor with a wet and dry vacuum cleaner. The floor should be buffed off with a **Green twister pad only**. **The blue, red and black buffing pads are too abrasive and should not be used.**

In larger traffic areas like retail and commercial areas, it is highly advisable that one should obtain an auto scrubber for the following reasons:
The soap application can be controlled much more accurately. Excess usage of soap could result to a build-up of soap scum. With an auto scrubber one always has a mechanically controlled clean and dirty water system, which simultaneously scrubs and extracts water from the floor. This could save in labour costs.

We recommend that the client use a special diamond integrated **Green twister** buffing pad with a burnisher and/or a polisher. This will ensure that the floor always retain its shine.

It is important to note that should **any tile cleaners, tile wax or any other form of polishing products be used on a ground and polished concrete floor, the sheen will reduce over a period of time due to wax build up.** The floor should only be maintained and cleaned by using water, soap and a **Green twister** buffing pad. After a couple of years of use, the floor can be rejuvenated by grinding it, followed by a light “sand” with polishing pads and re-sealing it.

Should you experience any problems with the cleaning and maintenance of your concrete floor feel free to contact us at **World of Decorative Concrete.**

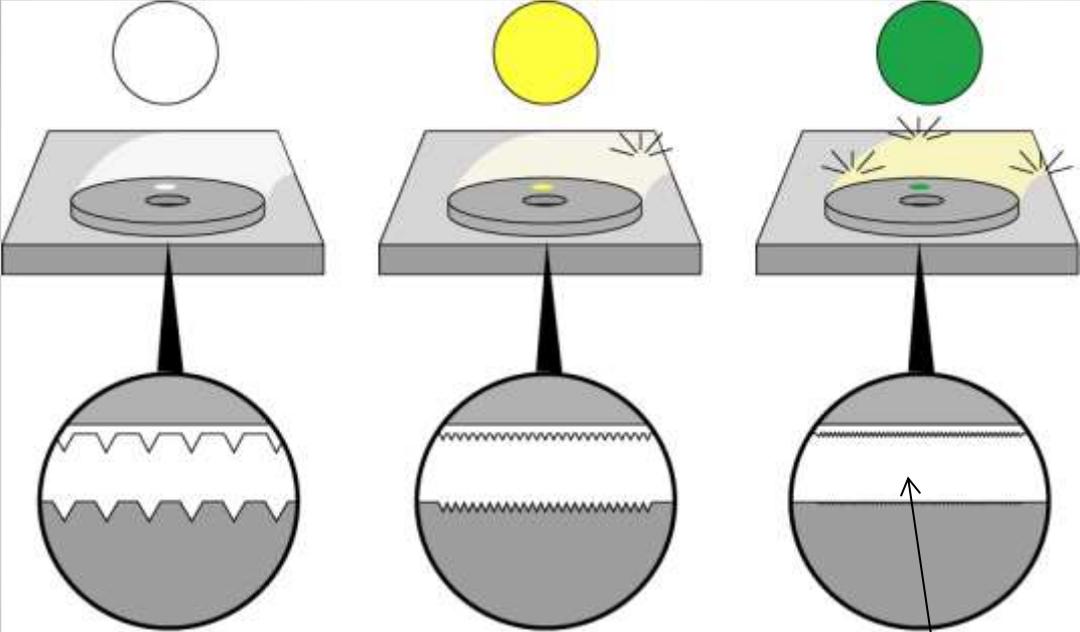


Auto Scrubber

White Twister

Yellow Twister

Green twister



Green Twister
for a very High
shine

Twister Methods

Daily Cleaning – Standard

Twister™ pads work effectively in daily cleaning on all common floors. A Twister™ pad and water is all that is required to remove dirt and debris from the floor.

Note! Anywhere a conventional red pad and cleaning chemicals are used it can be replaced by a Twister™ Green and water.

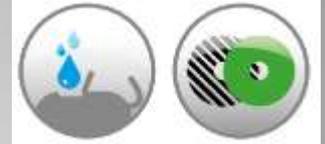
Note! The Twister™ Green pad is also ideal for dry, high speed polishing of the floors and can be used up to 3500 rpm (UHS).

Step 1:

Check the machine and fill with clean water into the solution tank. Mount a Twister™ Green pad to the velcro holder with the colour side down to the floor.

Note! The choice of Scrubber drier will affect the cleaning result. However, Twister™ can be used with all common machines but the recommendation consists of the following:

- Pressure: >20 kg
- Waterflow: 1 dl/m²
- Speed: 3-5 km/h



Step 2:

In order to obtain good cleaning results and to increase the lifespan of the Twister™ pad, dry mop the floor.



Step 3:

Clean the floor.

Note! Check that the water flow is ok and that the integrated vac picks up the dirty water.



Step 4:

When complete, remove the Twister™ pad from the machine and rinse the pad thoroughly.

Change the Twister Pad when the coloured layer has disappeared.

Note! The lifespan of the Green Twister™ pad is approximate 30.000 m².



Twister Methods

Intensive upgrade – Standard

A three step process that is performed with each step being ran through for 10 consecutive passes. The Twister™ intensive upgrade is performed outside the standard cleaning routine.

Depending on the machine's efficiency and the initial wear on the floor, large areas can be finished in one working day.

Note! A ride-on or walk behind machine can be used for larger areas. For smaller areas we recommend a single-scrubber machine with sufficient pressure (min. 35 kg).

Note! Please use the description for Daily Cleaning together with these instructions in order to obtain good cleaning results.

Step 1:

Start with the Twister™ White pad. Apply water during the first overlap (If ride-on/walk-behind is used leave the squeegee up). Run 10 times over the surface and pick up the water during the last overlap (If single-scrubber is used, thoroughly pick up the water with a wet-vac).

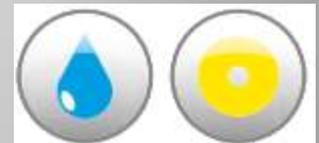
Alternative upgrade: Clean the floor with Twister™ White pad for 1 month using ordinary daily cleaning routines.



Step 2:

Continue with the Twister™ Yellow pad. Apply water during the first overlap (If ride-on/walk-behind is used leave the squeegee up). Run 10 times over the surface and pick up the water during the last overlap (If single-scrubber is used, thoroughly pick up the water with a wet-vac).

Alternative upgrade: Clean the floor with Twister™ Yellow pad for 1 month using ordinary daily cleaning routines.



Step 3:

Finish up with the Twister™ Green pad. Apply water during the first overlap (If ride-on/walk-behind is used leave the squeegee up). Run 10 times over the surface and pick up the water during the last overlap (If single-scrubber is used, thoroughly pick up the water with a wet-vac).

Alternative upgrade: Use the Twister™ Green pad in the daily cleaning for continuous high shine and cleanliness.

Note! After the upgrade is done the floor should be maintained with a Twister™ Green pad and water during daily cleaning to preserve the cleanliness and shine.

“Please see the instruction for Daily cleaning...”



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Yours in 'Concrete with Soul'