

## SECTION 1

### TOOLS

## CASH Dots System



The CASH Dot Pad is a rubber disc with individual resin pads fixed to it and has hook Velcro on the reverse side. The CASH Dot pads are only to be used with water and NEVER dry. This tool is used to perform concrete polishing, marble polishing and terrazzo polishing that is smooth, cured and free of any sealer or coating and moderately worn marble or terrazzo floors. The CASH Dot System is engineered to be run on a high speed, propane or electric, burnisher, swing machine, or auto-scrubber.

The CASH Dot Pad is available in seven grits: #50, #100, #200, #400, #800, #1500, & #3000. The CASH Dot Pad is used to treat approximately 20,000 SF / 1,858 M<sup>2</sup> per tool. Available sizes are 10"/250mm to 21"/533mm. See Section 3 (Qualifications) for further information about when it is appropriate to use this tool and machine selection.

The CASH Dot System is a polishing tool that is primarily used in sequence. Project requirements will dictate if all steps need to be done or if only a few steps are required.

The CASH Dot System is always run in the following order: #50 (most aggressive), #100 (fine), #200 (super fine), #400 (polish), #800 (polish), #1500 (high polish) & #3000 (highest polish). Depending on project requirements, it is acceptable to do two or three steps of the system or sometimes even skip steps. It is never acceptable to reverse the order of grits; e.g. #800 then #400.

The CASH Dot pad, by design, is an aggressive polishing tool. If a burnishing machine that is outfitted with CASH Dot pad is caused to dwell in any one area, the concrete surface will be left with unsightly circles and possibly unintended exposure of fine aggregates.

## SECTION 2

### EXECUTION

## Execution

Place CASH Dot Pad onto synthetic pad and then on to driver of burnisher, auto scrubber, or swing machine. It is important to ensure that the CASH Dot Pad is properly centered on the driver.\* Visual inspection of the assembly perimeter should verify pad and driver are aligned equally.

### *Burnishing Machines*

1. Adequately wet\* the work area with water or in cases of burnishers that have an on-board water tank, turn the water flow to "on."
2. Upon starting burnishing machine, adjust head speed to +/-1,000RPM and continuously move machine in side-to-side pattern ensuring that machine is continuously moved while running. If for any reason the machine cannot be continuously moved, i.e. cord management, adjacent work, obstacles, etc., stop the machine until it can be operated as specified above.
3. Upon satisfactory removal of contamination\*\*, wet vacuum or auto scrub surface and allow to dry.

### *Auto-scrubbers*

1. Adjust water flow to keep surface adequately wet\* while using the CASH Dot Pad.
2. Begin moving forward with machine before engaging the heads. Any time the heads are rotating the CASH Dot Pads will be working. Stopping the machine while heads are rotating will leave unsightly circles in the floor. For most conservative use of water, it is advised to leave vacuum and squeegee in off position. This way the water will be reused during the working process.

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# TECH DATA SHEET

3. For every step of the CASH Dot Pad System, always overlap passes by 50% and move at speed that is adequate for the pads to process the surface.
4. After every step is complete, wash the floor with clean water.
5. Upon satisfactory removal of contamination\*\*, wet vacuum or auto scrub surface and allow to dry.

## Swing Machine

1. Adequately wet\* the work area with water or in cases of swing machines that have an on-board water tank, turn the water flow to on.
2. Upon starting the machine, continuously move machine in side-to-side pattern ensuring that machine is continuously moved while running. If for any reason the machine cannot be continuously moved, i.e. cord management, adjacent work, obstacles, etc., stop the machine until it can be operated as specified above.
3. Upon satisfactory removal of contamination\*\*, wet vacuum or auto scrub surface and allow to dry.

\* Adequately wet means that the surface of the concrete is covered by a thin film of water. As the work is performed, a continuous supply of water is required as the concrete dust will absorb the water. It is imperative, in wet operation, that water is always between the CASH Dot pad and the concrete surface. Inadequate supply of water will produce harmful and damaging dust and the tool will not perform.

\*\* Disposal of the contaminants/concrete dust (commonly referred to as "slurry") must be done in accordance with Federal/Local regulations and should never be poured down any sanitary or storm drain.

## SECTION 3

### QUALIFICATIONS

## Qualifications

### Flooring Condition Qualifications

Use of the CASH Dot System requires that concrete has a minimum strength of 4,000psi/28MPA, is at least 28 days old, has been troweled by steel trowel machine, and is free of any sealers or coatings. Any roughness or surface inequalities will reduce pad life and alter consistency of final polish.

For marble and terrazzo floors, surface degradation must not exist to the point that holes or inequalities exist. In cases where the tile is moderately inconsistent, consult your sales rep for alternatives to remedy these problems.

### Machinery Qualifications

The CASH Dot System requires the use of one of the following machinery:

- Mono-rotational burnishing machine with operable speeds of 1,000 to 3,000RPM. Some models of burnishing machines have an on-board water tank that has continuous feed system or on demand feed by lever action. The on-board water tank does make it convenient to provide water to CASH Dots as needed instead of using bucket as water source.
- Auto-scrubbers of any size, head pressure not to exceed 300 pounds/136Kg and 300RPM.
- Swing machines of any size that has head pressure not to exceed 150 pounds/68Kg and 300RPM.

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