

## SECTION 1

### TOOLS

## EGT Polishing System

The EGT Diamond System is a coordinated metal and resin bonded diamond system to perform polished concrete using any of the eight models of Prep/Master machines. The system is only to be used dry and in sequence as numbered by tools #1 thru #8. All tools are painted or use green Velcro to indicate a matched system. See Section 3 for concrete slab qualifications to verify if the EGT system is appropriate to the concrete that is to be polished.

**#1 - 540574001**



**#2 - 540578002**



**#1 & #2** are Metal bond tools that have pictured face design and can be clearly identified by the number on back as '#1' and '#2'. Both tools feature the patented EG attachment system. Approximate life of #1 is 30,000SF/3,000M2 for all P/M Machines except 4430. P/M Machine 4430, life expectancy is 40,000SF/4,000M2. Tool #2's approximate life is 35,000SF/3,500M2 for all P/M Machines except 4430. P/M Machine 4430, life expectancy is 47,000SF/4,700M2.

**#3 - 540591503**



**#3** is a metal bond tool that has the pictured face design and can be clearly identified by the number on back as '#3'. This tool features the patented EG attachment system. Approximate life of #3 is 35,000SF/3,500M2 for all P/M Machines except 4430. P/M Machine 4430, life expectancy is 47,000SF/4,700M2.

**#4 - 540760004**



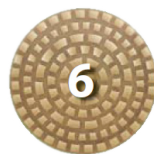
**#4** is a 3" resin bonded tool that has the pictured face design and can be clearly identified by the number on back as '#4'. This tool features green Velcro backing. Approximate life of #4 is 20,000SF/2,000M2 for all P/M Machines except 4430. P/M Machine 4430, life expectancy is 26,500SF/2,650M2.

**#5, #6, #7 & #8** are 3" resin bonded tools that have the pictured face design and can be clearly identified by the number on back as '#5', '#6', '#7' & '#8'. These tools features green Velcro backing. Approximate life of #5 thru #8 is 12,000SF/1,200M2 for all P/M Machines except 4430. P/M Machine 4430, life expectancy is 16,000SF/1,600M2.

**#5 - 540800005**



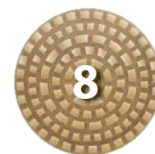
**#6 - 540800006**



**#7 - 540800007**



**#8 - 540800008**



## SECTION 2



### EXECUTION

## Execution

See Section 3 for general guidelines for safe and productive use of the Prep/Master machines

Attach the #1 EGT Tools to the Prep/Master Machine and place it in operating position. Attach \*appropriate power and vacuum dust collection hose to the Prep/Master machine. With 50% of weights on head of machine and 50% in basket over wheels and speed to 35Hz on the VSD, start the machine. Upon satisfactory completion of step #1, remove machine and vacuum clean surface.

Attach the #2 EGT Tools to the Prep/Master Machine and place it in operating position. Attach \*appropriate power and vacuum dust collection hose to the Prep/Master machine. With 100% of weights on head of machine and speed to 35Hz on the VSD, start the machine. Upon satisfactory completion of step #2, remove machine and vacuum clean surface.

Attach the #3 EGT Tools to the Prep/Master Machine and place it in operating position. Attach \*appropriate power and vacuum dust collection hose to the Prep/Master machine. With 100% of weights on head of machine and speed to 35Hz on the VSD, start the machine. Upon satisfactory completion of step #3, remove machine and vacuum clean surface.

Attach the #4 EGT Tools to the Prep/Master Machine and place it in operating position. Attach \*appropriate power and vacuum dust collection hose to the Prep/Master machine. With 100% of weights on head of machine and speed to 35Hz on the VSD, start the machine. Upon satisfactory completion of step #4, remove machine and vacuum clean surface.

Attach the #5 EGT Tools to the Prep/Master Machine and place it in operating position. Attach \*appropriate power and vacuum dust collection hose to the Prep/Master machine. With 100% of weights on head of machine and speed to 45Hz on the VSD, start the machine. Upon satisfactory completion of step #5, remove machine and vacuum clean surface.

Apply densifier per manufacturer's recommendations and allow surface to dry completely after densifier process has been completed. See Section 3 for further information about densifiers.

Attach the #6 EGT Tools to the Prep/Master Machine and place it in operating position. Attach \*appropriate power and vacuum dust collection hose to the Prep/Master machine. With 100% of weights on head of machine and speed to 50Hz on the VSD, start the machine. Upon satisfactory completion of step #6, remove machine and vacuum clean surface.

Attach the #7 EGT Tools to the Prep/Master Machine and place it in operating position. Attach \*appropriate power and vacuum dust collection hose to the Prep/Master machine. With 100% of weights on head of machine and speed to 50Hz on the VSD, start the machine. Upon satisfactory completion of step #7, remove machine and vacuum clean surface.

Attach the #8 EGT Tools to the Prep/Master Machine and place it in operating position. Attach \*appropriate power and vacuum dust collection hose to the Prep/Master machine. With 100% of weights on head of machine and speed to 50Hz on the VSD, start the machine. Upon satisfactory completion of step #8, remove machine and vacuum clean surface.

## SECTION 3

### QUALIFICATIONS

## Qualifications

*As a general rule for all operations using the Prep/Master machines:*

\*The machine manual MUST be read and understood by any operator for the safe and productive use of the machine.

\*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, ie. chord management, adjacent work, obstacles, etc., stop the machine until it can be operated as specified.

\*A thorough processing of the concrete can only be achieved by one pass forward and then second pass backward over same path. It is compulsory to overlap paths by at least 25%. The machine must always be swung side-to-side approximately 30 degrees. The machine should never be quickly pushed across floor to move to areas outside the area that is to be polished.

\*The work area must be closed to all non-associated workers and equipment. The likelihood of contamination by unassociated traffic is increased and rogue scratches will be possible as well as overall reduced polish.

### Flooring Condition Qualifications

Use of the EGT Tool System requires that the surface to be treated is completely dry. For floors that have adhesives, built-up contaminants or other coatings, the surface must be first prepared using the 3SEG Oval Tool.

Use of the EGT Tools System can only be used, as specified above, for floors that are at least 4,250Psi/29Mpa and are over 28 days old.

As a general rule, it is best to inspect floor BEFORE beginning to note or mark obstacles such as floor drains, protrusions from floor and elevation changes in excess of 2mm.

Any polishing project that is undertaken should ALWAYS be preceded by a mock-up of at least 100SF/10M<sup>2</sup>. This mock-up will serve two purposes: to provide a finished sample that owner can approve and to verify the suitability of the EGT Tool System for the given slab.

### Machinery Qualifications

The EGT Tool System is designed to attach to and work perfectly with any Substrate Technology Prep/Master machine. Quantity of EGT Tools will vary by model:

Prep/Master 2807/2818: 6 pieces

Prep/Master 2420/2418: 12 pieces

Prep/Master 3030/3038: 12 pieces

Prep/Master 4430/4438: 24 pieces

Attachment of EGT Tools #4 thru #8 require Velcro pad adapters 570000031 & 570000026.

### Densifier Qualifications

Manufacturer's instructions for use must be followed exactly for best results and to avoid any costly mistakes.

Densifier must be type, that after its application, the floor is specified to be finished with a dry system and no water whatsoever.