

## SECTION 1

### TOOLS

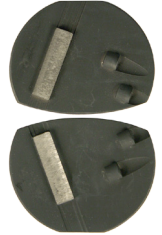
## #00 Prep Tool

The #00 Prep Tool is a combination PCD/metal bond preparation tool that has the EG attachment system as a standard for use on any Prep/Master® machines.

The #00 Prep Tool is directional. This means that any set of #00 Prep Tools will always contain 50% right-hand tools and 50% left-hand tools.

Its uses are to remove adhesives, thin-sets, surface inequalities of +/-4mm and epoxy coatings with thickness of less than 4mm. The #00 Prep Tool is designed to be used as a dry removal tool only.

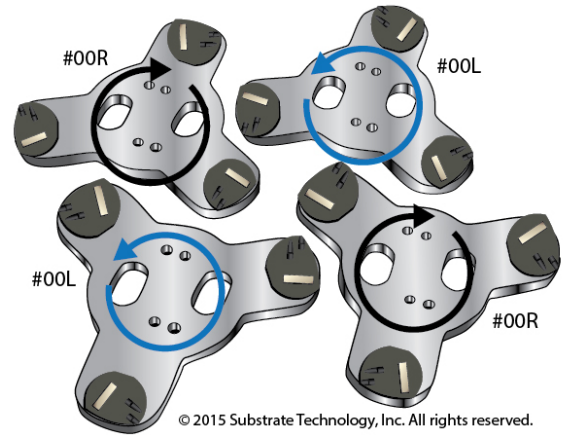
The #00 Prep Tool is made for use on concrete and should never be chosen to grind terrazzo, marble, or granite. The concrete profile after using the #00 Prep Tool will be one that is considered rough to the touch having up to 1mm deep grooves. Approximate life of the #00 Prep Tool is 30,000SF / 2,787 M<sup>2</sup>.



## SECTION 2

### EXECUTION

1. Attach the #00 Prep Tools to the P/M machine by placing the right-hand tools (#00R) in the tool holders that are turning clockwise and the left-hand tools (#00L) in the tool holders that are turning counter-clockwise.
2. Place the P/M machine in the operating position. Attach appropriate power\* and vacuum dust collection hose to the P/M machine.
3. With weights in neutral position\*\* or off machine, start the machine and adjust speed to 40Hz (electric) or 2350 RPM (propane).
4. 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.
5. Upon satisfactory completion of surface prep, remove P/M machine and vacuum clean surface.



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\* Power source voltage will vary by P/M machine being used and should be verified for compatibility before connecting machine to it. Dust collection by appropriate vacuum is compulsory as harmful and damaging dust will be produced if dust collection is not used or is of inadequate capacity. The life of the #00 Prep Tool will also be significantly reduced if vacuum is not of appropriate capacity.

\*\* The Prep/Master machines all have pocket weights for the purpose of varying the grinding pressure of the machine. It is suggested to begin with the #00 Prep Tool with no added weight to gauge performance. If the tool is not aggressive enough, simply add more weight to the grinding head of P/M machine to increase grinding pressure. If #00 Prep Tool is too aggressive, simply add more weight to the handle to reduce grinding pressure.

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# TECH DATA SHEET

**STI  
Concrete  
Prep**

## SECTION 3

QUALIFICATIONS

## Qualifications

### *Flooring Condition Qualifications*

Use of the #00 Prep Tool requires that the surface to be treated is completely dry. For floors that have excessive adhesives or built-up contaminants, a scraping of the floor will improve performance, but is not required. 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 4mm.

### *Machinery Qualifications*

The #00 Prep Tool is designed to attach to and work perfectly with any Substrate Technology Prep/Master® machine. Quantity of #00 Prep Tool will vary by model:

- Prep/Master® Jr. & 2807/2818LP: 3 Right-Hand (#00R), 3 Left-Hand (#00L)
- Prep/Master® 2420/2418LP: 6 Right-Hand (#00R), 6 Left-Hand (#00L)
- Prep/Master® 3030/3038LP: 6 Right-Hand (#00R), 6 Left-Hand (#00L)
- Prep/Master® 4430/4438LP: 12 Right-Hand (#00R), 12 Left-Hand (#00L)

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