

## 1400 Series Tooling Recommendation Guide

**MIROIR**

**The EDGE**

**RASP**



### Concrete Surface Preparation

Determine Surface Hardness using MOHS Hardness Tester

MOHS 7.5-9

HARD SURFACE

MOHS 4.5-7.5

MEDIUM SURFACE

MOHS 2-4.5

SOFT SURFACE



Glue & Mastic

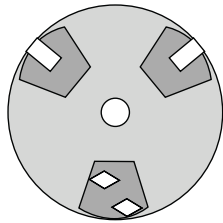
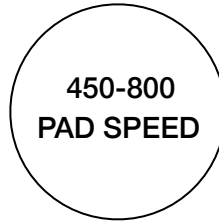


Plate Configuration



Speed Range

HARD SURFACE	MEDIUM SURFACE	SOFT SURFACE
PNG 16 Grit STD 1 Segment 002-1490-00 QTY 12	PNG 16 Grit STD 1 Segment 002-1390-00 QTY 12	PNG 16 Grit STD 1 Segment 002-1412-00 QTY 12
PNG 16 Grit STD 2 Segment Shark 002-1496-00 QTY 6	PNG 16 Grit STD 2 Segment Shark 002-1413-00 QTY 6	PNG 16 Grit STD 2 Segment Shark 002-1414-00 QTY 6



Epoxy & Paint

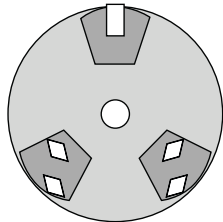
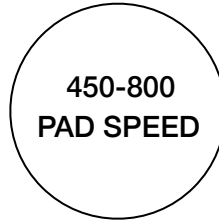


Plate Configuration



Speed Range

PNG 16 Grit STD 1 Segment 002-1490-00 QTY 6	PNG 16 Grit STD 1 Segment 002-1390-00 QTY 6	PNG 16 Grit STD 1 Segment 002-1412-00 QTY 6
PNG 16 Grit STD 2 Segment Shark 002-1496-00 QTY 12	PNG 16 Grit STD 2 Segment Shark 002-1413-00 QTY 12	PNG 16 Grit STD 2 Segment Shark 002-1414-00 QTY 12



Thinset

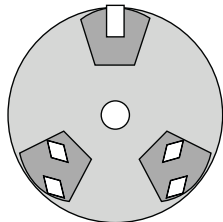
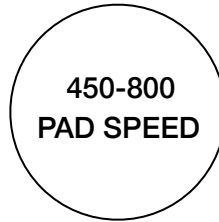
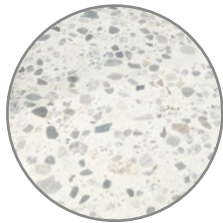


Plate Configuration



Speed Range

PNG 16 Grit STD 1 Segment 002-1412-00 QTY 6	PNG 16 Grit STD 1 Segment 002-1412-00 QTY 6	PNG 16 Grit STD 1 Segment 002-1412-00 QTY 6
PNG 16 Grit STD 2 Segment Shark 002-1414-00 QTY 12	PNG 16 Grit STD 2 Segment Shark 002-1414-00 QTY 12	PNG 16 Grit STD 2 Segment Shark 002-1414-00 QTY 12



Exposed Aggregate

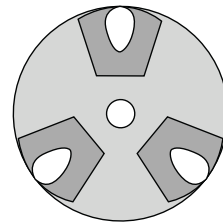
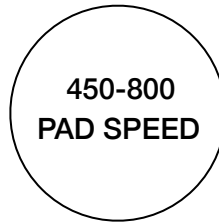
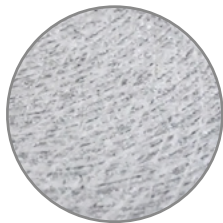


Plate Configuration



Speed Range

PNG 16 Grit STD TearDrop 002-1484-00 QTY 18	PNG 16 Grit STD TearDrop 002-1502-00 QTY 18	PNG 16 Grit STD TearDrop 002-1508-00 QTY 18
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CSP 3 Profile

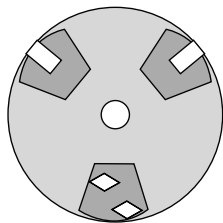
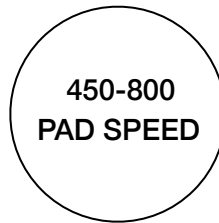


Plate Configuration



Speed Range

PNG 16 Grit STD 1 Segment 002-1490-00 QTY 12	PNG 16 Grit STD 1 Segment 002-1390-00 QTY 12	PNG 16 Grit STD 1 Segment 002-1412-00 QTY 12
PNG 16 Grit STD 2 Segment Shark 002-1496-00 QTY 6	PNG 16 Grit STD 2 Segment Shark 002-1413-00 QTY 6	PNG 16 Grit STD 2 Segment Shark 002-1414-00 QTY 6



Cure 'n Seal

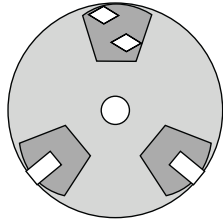
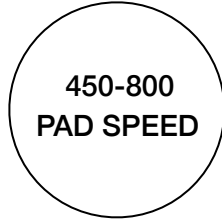


Plate Configuration



Speed Range

PNG 16 Grit STD 1 Segment 002-1490-00 QTY 12	PNG 16 Grit STD 1 Segment 002-1390-00 QTY 12	PNG 16 Grit STD 1 Segment 002-1412-00 QTY 12
PNG 16 Grit STD 2 Segment Shark 002-1496-00 QTY 6	PNG 16 Grit STD 2 Segment Shark 002-1413-00 QTY 6	PNG 16 Grit STD 2 Segment Shark 002-1414-00 QTY 6



Heavy Coatings

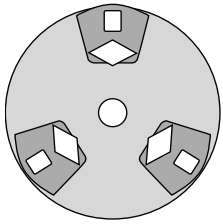
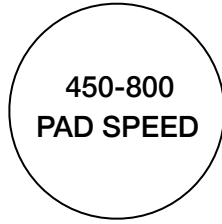


Plate Configuration\*

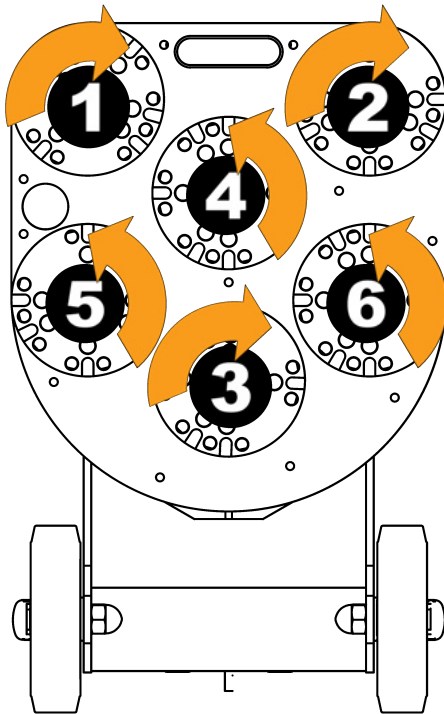


Speed Range

PNG PCD with TCD Shark CW 002-1350-00 QTY 9
PNG PCD with TCD Shark CCW 002-1349-00 QTY 9

\* Directional Tooling

Please see diagram below for rotation of PLUG 'N GO Plates.  
Tooling labelled CW or CCW must be placed on the correct plate in  
order to function effectively



PLATES 1, 2, 3 ROTATE CLOCKWISE

PLATES 4, 5, 6 ROTATE COUNTER-CLOCKWISE

# WerkMaster Polished Concrete System Overview

## Step 1 - Metal Grinding - Prepare surface to achieve desired exposure

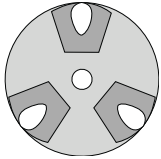
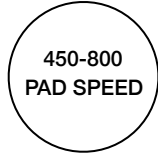


Plate Configuration



Speed Range

HARD	MEDIUM	SOFT
PNG 30/40 Grit STD TearDrop 002-1485-00 QTY 18	PNG 30/40 Grit STD TearDrop 002-1503-00 QTY 18	PNG 30/40 Grit STD TearDrop 002-1509-00 QTY 18
PNG 70/80 Grit STD TearDrop 002-1486-00 QTY 18	PNG 70/80 Grit STD TearDrop 002-1504-00 QTY 18	PNG 70/80 Grit STD TearDrop 002-1510-00 QTY 18

### GENERAL RULE:

Start with highest grit where possible and move to lower grit when necessary.

## Step 2 - Transition Stage - Remove metal tooling marks and prepare for densifying

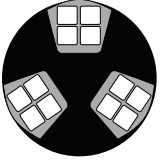


Plate Configuration



Speed Range

HARD	MEDIUM	SOFT
PNG Achromic 100 Grit 003-0247-00 QTY 18	PNG Achromic 100 Grit 003-0247-00 QTY 18	PNG Hybrid 100 Grit 003-0223-01 QTY 18

### INSTRUCTIONS:

Remove scratches using 100 Grit Achromic or Hybrid tooling. Transitional tooling effectively removes scratches and creates a surface ready for densifying.

## Step 3 - Densifying - Harden floor and prepare for polishing stage



Read label and follow directions

ULTRAhard Lithium 006-0132-00 - 5 Gallon
ULTRAdensifil Lithium 006-0229-00 - 5 Gallon

### NOTE:

Ensure your floor has been vacuumed and all tool marks have been removed prior to densifying. *Densifiers also available in 1qt, 1gal, 2.5gal sizes.*

## Step 4 - Polishing - Bring floor to desired level of shine

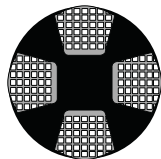


Plate Configuration



Speed Range

### Matte Finish

PNG STD Resin - 200 Grit  
003-0228-00  
QTY 24

### Semi-Gloss Finish

Same as Matte Add:

PNG STD Resin - 400 Grit  
003-0229-00 QTY 24

PNG STD Resin - 800 Grit  
003-0230-00 QTY 24

### High-Gloss Finish

Same as Semi-Gloss Add:

PNG STD Resin - 1500 Grit  
003-0231-00 QTY 24

## Step 5 - Sealing - Protect and seal polished concrete surface



Read label and follow directions

ULTRAGuard Sealer  
006-0130-00  
5 Gallon

### NOTE:

Vacuum and clean floor prior to sealing. Apply 2 thin, light coats of sealer allowing cure time of 30 mins between coats. *Sealer also available in 1qt, 1gal, 2.5gal sizes.*

## Step 6 - Burnishing - Achieve maximum shine and polish



Buffing Pad



Speed Range

Pink Nylon - 5 inch Pad  
011-0042-00  
QTY 6

### OPTIONAL STAGE:

Burnish floor to achieve maximum shine and polish with either your WerkMaster Machine or Propane Burnisher.

# WerkMaster Cementitious Terrazzo Refinishing System Overview

## Step 1 - Light grind and prepare surface

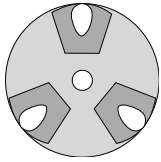
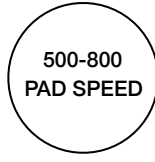
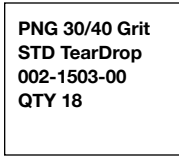


Plate Configuration



Speed Range



**INSTRUCTIONS:**  
Remove contaminants and sealer. Evenly affect entire floor with hybrid tooling before moving to next step.

## Step 2 - Transition Stage - Remove metal tooling marks and prepare for densifying

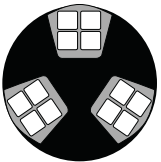
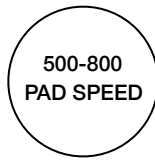
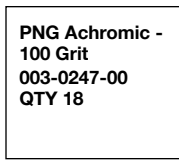
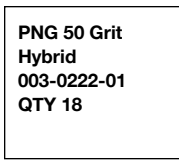


Plate Configuration



Speed Range



**INSTRUCTIONS:**  
Remove all tooling marks using 50 Grit Hybrid tooling followed by the Achromic tooling

## Step 3 - Densifying - Harden floor and prepare for polishing



Read label and follow directions



**NOTE:**  
Ensure your floor has been vacuumed and all tool marks have been removed prior to densifying. *Densifiers also available in 1qt, 1gal, 2.5gal sizes.*

## Step 4 - Polishing - Bring floor to desired level of shine

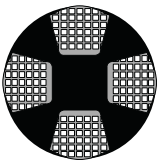


Plate Configuration

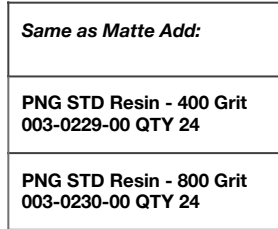


Speed Range

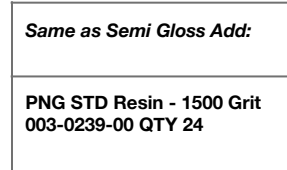
### Matte Finish



### Semi Gloss Finish



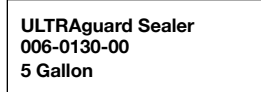
### High Gloss Finish



## Step 5 - Sealing - Protect and seal polished terrazzo surface



Read label and follow directions

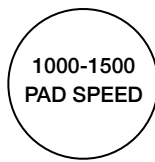


**NOTE:**  
Vacuum and clean floor prior to sealing. Apply 2 thin, light coats of sealer allowing cure time of 30 mins between coats. *Sealer also available in 1qt, 1gal, 2.5gal sizes.*

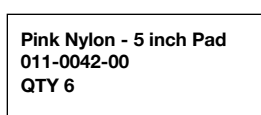
## Step 6 - Burnishing - Achieve maximum shine and polish



Buffing Pad



Speed Range



**OPTIONAL STAGE:**  
Burnish floor to achieve maximum shine and polish with either your WerkMaster Machine or Propane Burnisher.

# WerkMaster Wood Refinishing System Overview

## Refinishing Hardwood and Removing Finishes & Coatings

### Step 1 - Removing Surface Finishes

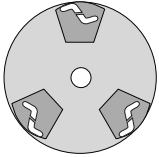
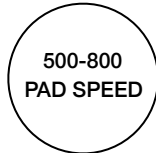


Plate Configuration



Speed Range

PNG S-Segment  
002-1480-00  
QTY 18

#### INSTRUCTIONS:

Remove contaminants and sealer. Evenly affect entire floor with S-Segment tooling before moving to next step.

### Step 2 - Wood Sanding

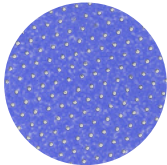
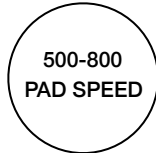


Plate Configuration



Speed Range

#### TurboBrade Sandpaper

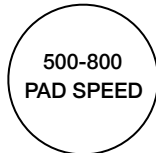
40 Grit - 48/box - 004-0131-48  
60 Grit - 48/box - 004-0133-48  
80 Grit - 48/box - 004-0135-48

#### INSTRUCTIONS:

Remove all tooling marks from previous grits



Plate Configuration



Speed Range

#### TurboFinish Sandpaper

80 Grit - 48/box - 004-0107-48  
100 Grit - 48/box - 004-0115-48  
120 Grit - 48/box - 004-0119-48

#### INSTRUCTIONS:

Remove all tooling marks from previous grits

## Removing Coatings from Hardwood and Plywood

### Step 1 - Removing Coatings

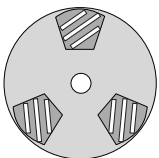
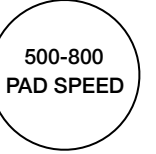


Plate Configuration



Speed Range

TurboRasp  
30 Grit  
002-1511-00  
QTY 18

#### INSTRUCTIONS:

Remove contaminants and sealer. Evenly affect entire floor with S-Segment tooling before moving to next step.

# WerkMaster Epoxy Terrazzo Refinishing System Overview

## Step 1 - Light grind and prepare surface

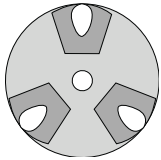
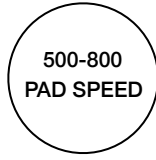


Plate Configuration



Speed Range

PNG 30/40 Grit  
STD TearDrop  
002-1503-00  
QTY 18

### INSTRUCTIONS:

Remove contaminants and sealer. Evenly affect entire floor with hybrid tooling before moving to next step.

## Step 2 - Transition Stage - Remove metal tooling marks and prepare for polishing

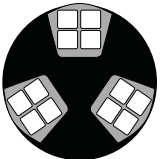
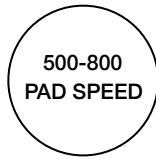


Plate Configuration



Speed Range

PNG 50 Grit Hybrid  
003-0222-01  
QTY 18

PNG Achromic - 100 Grit  
003-0247-00  
QTY 18

### INSTRUCTIONS:

Remove all tooling marks using 50 Grit Hybrid tooling followed by the Achromic tooling

## Step 3 - Polishing - Bring floor to desired level of shine

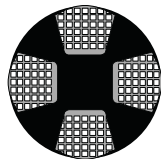


Plate Configuration



Speed Range

### Matte Finish

PNG STD Resin - 200 Grit  
003-0228-00  
QTY 24

### Semi Gloss Finish

Same as Matte Add:

PNG STD Resin - 400 Grit  
003-0229-00 QTY 24

PNG STD Resin - 800 Grit  
003-0230-00 QTY 24

### High Gloss Finish

Same as Semi Gloss Add:

PNG STD Resin - 1500 Grit  
003-0231-00 QTY 24

## Step 4 - Sealing - Protect and seal polished concrete surface



Read label and follow directions

ULTRAguard Sealer  
006-0130-00  
5 Gallon

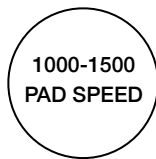
### NOTE:

Vacuum and clean floor prior to sealing. Apply 2 thin, light coats of sealer allowing cure time of 30 mins between coats. Sealer also available in 1qt, 1gal, 2.5gal sizes.

## Step 5 - Burnishing - Achieve maximum shine and polish



Buffing Pad



Speed Range

Pink Nylon - 5 inch Pad  
011-0042-00  
QTY 6

### OPTIONAL STAGE:

Burnish floor to achieve maximum shine and polish with either your WerkMaster Machine or Propane Burnisher.