



iShine

FLOOR SYSTEM



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iShine

FLOOR SYSTEM

ELITE

The iShine Floor System Elite Finish is perfect for the job where exposed aggregate and a low gloss polish are desired. With two steps of grinding at the start, opening up the floor is relatively easy and allows you to show off the aggregate with a flat polish. Like the rest of our system, this finish Shines.



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ELITE	
GRINDING	TMAG 40
	TMAG 80
TRANSITIONAL	TRANSITIONAL
	100 RESIN
DENSIFIER	DENSIFY
POLISHING	200 RESIN
	400 RESIN
SEALER	SEALER LG

1. TMAG 40 - TMAG 80



Assess concrete hardness and determine which type of metal bond diamond would be ideal for your concrete conditions. Example: TMAG X-Soft, Soft, Medium, Hard. Refer to our bond chart for more information. Begin the grinding process using **TMAG40** ; 40 grit metal bond diamonds. Grind in an “east to west” then “north to south” pattern, or until a uniform scratch pattern is achieved. Thoroughly inspect the floor to ensure that the desired level of aggregate and floor flatness is achieved before moving on to the next steps. Squeegee or vacuum up dust residue from previous step. Repeat the same process using **TMAG80** ; 80 grit metal bond diamonds.

*Note: Due to the unknown nature of the aggregate dispersion in a concrete floor, low exposure aggregate floors will often have an inconsistent end result. As this is usually a result of the concrete pour, it is out of the operators control and as such should be identified to the owner as soon as possible.

2. TRANSITIONAL



This is a key stage of the process as you need to ensure that the aggressive scratch patterns from the metal bond stage are removed, leaving a smooth surface leading into the resin stages. Using the quick change TMAG resin adaptors, fasten the **transitional** tooling to the grinder. Grind in an “east to west” then “north to south” pattern, or until a uniform scratch pattern is achieved. Thoroughly inspect that scratches from previous step have been removed before moving on to the next step.

3. iSHINE 100



Squeegee or vacuum up dust residue from previous step, proceed to polish with **iSHINE100 Grit** resin (BLACK). Polish in an “east to west” then “north to south” pattern, or until a uniform scratch pattern is achieved. Thoroughly inspect that scratches from previous step have been removed before moving on to the next step.

4. DENSIFY



Squeegee or vacuum up dust residue from previous step. Ensure that the surface is clean and dry before completing the densification process. For a Sodium based densifier apply **ArmorDefend Na**. For a Lithium based densifier apply **ArmorDefend Li**. Refer to the chosen products data sheet for safety and application instructions.

5. iSHINE 200 - iSHINE 400



After the densification process is complete, proceed with the remaining resin steps. Polish with **iSHINE 200** Grit resin (BLUE). Polish in an “east to west” then “north to south” pattern, or until a uniform scratch pattern is achieved. Thoroughly inspect that scratches from previous step have been removed before moving on to the next step. Squeegee or vacuum up dust residue from the previous step if required. Repeat this process for **iSHINE 400** grit (RED)

6. LOW GLOSS SEALER



Squeegee or vacuum up dust residue from previous step. Ensure that the surface is clean and dry before completing the **ArmorFinish**: Stain and wear protection. Refer to the product data sheet for safety and application instructions.

TMAG

Our TMAG Series was developed with you in mind. When you're out on a site, getting ready to open up the floor, the last thing you want to do is fiddle around with bolts. With our quick-change magnetic plates, we make it easy. For those jobs where magnets are not enough, we have a standard 3 hole pattern to give the extra hold.

iSHINE

Our iShine series is made up of three different resin options. We have 3” pucks, flex pads, and RD discs. Our 3” pucks are great for general application. Flex pads are ideal for uneven slabs & restoration projects. Finally, RD discs are designed for flat floors and can withstand high temperatures. They have an extremely long life as well.

ARMORDEFEND & ARMORFINISH

Our chemical line consists of a densifier (ArmorDefend) and a sealer (ArmorFinish). ArmorDefend comes in either Lithium or Sodium, depending on your preference or desired end product. We offer ArmorFinish in either a high gloss or a low gloss version to determine the end product. With these chemicals, your floor will be protected from stains & wear, keeping your floor pristine over time.

BOND CHART

EXTRA HARD CONCRETE	HARD CONCRETE
X-SOFT BOND	SOFT BOND
MEDIUM CONCRETE	SOFT CONCRETE
MEDIUM BOND	HARD BOND