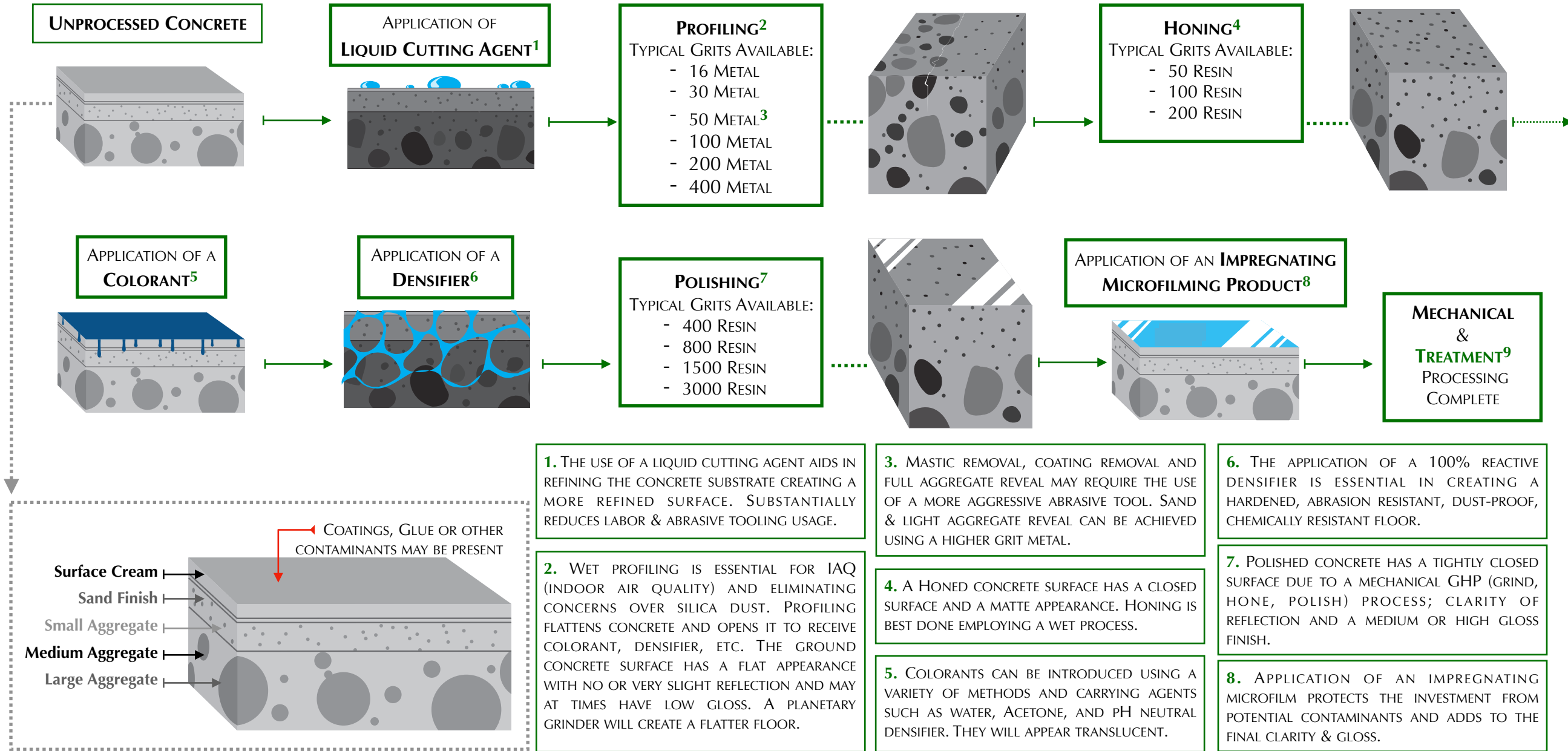


# CONCRETE PROCESSING GUIDE



**1.** THE USE OF A LIQUID CUTTING AGENT AIDS IN REFINING THE CONCRETE SUBSTRATE CREATING A MORE REFINED SURFACE. SUBSTANTIALLY REDUCES LABOR & ABRASIVE TOOLING USAGE.

**2.** WET PROFILING IS ESSENTIAL FOR IAQ (INDOOR AIR QUALITY) AND ELIMINATING CONCERNS OVER SILICA DUST. PROFILING FLATTENS CONCRETE AND OPENS IT TO RECEIVE COLORANT, DENSIFIER, ETC. THE GROUND CONCRETE SURFACE HAS A FLAT APPEARANCE WITH NO OR VERY SLIGHT REFLECTION AND MAY AT TIMES HAVE LOW GLOSS. A PLANETARY GRINDER WILL CREATE A FLATTER FLOOR.

**3.** MASTIC REMOVAL, COATING REMOVAL AND FULL AGGREGATE REVEAL MAY REQUIRE THE USE OF A MORE AGGRESSIVE ABRASIVE TOOL. SAND & LIGHT AGGREGATE REVEAL CAN BE ACHIEVED USING A HIGHER GRIT METAL.

**4.** A HONED CONCRETE SURFACE HAS A CLOSED SURFACE AND A MATTE APPEARANCE. HONING IS BEST DONE EMPLOYING A WET PROCESS.

**5.** COLORANTS CAN BE INTRODUCED USING A VARIETY OF METHODS AND CARRYING AGENTS SUCH AS WATER, ACETONE, AND PH NEUTRAL DENSIFIER. THEY WILL APPEAR TRANSLUCENT.

**6.** THE APPLICATION OF A 100% REACTIVE DENSIFIER IS ESSENTIAL IN CREATING A HARDENED, ABRASION RESISTANT, DUST-PROOF, CHEMICALLY RESISTANT FLOOR.

**7.** POLISHED CONCRETE HAS A TIGHTLY CLOSED SURFACE DUE TO A MECHANICAL GHP (GRIND, HONE, POLISH) PROCESS; CLARITY OF REFLECTION AND A MEDIUM OR HIGH GLOSS FINISH.

**8.** APPLICATION OF AN IMPREGNATING MICROFILM PROTECTS THE INVESTMENT FROM POTENTIAL CONTAMINANTS AND ADDS TO THE FINAL CLARITY & GLOSS.

**9.** MAINTENANCE - PROPERLY MAINTAINING POLISHED CONCRETE WILL MAXIMIZE ROI. USE A PH NEUTRAL CLEANER DESIGNED FOR CONCRETE.