
FIX GUIDE:

EPOXY KIT(S): IMPERFECTIONS

DESCRIPTION

THE FOLLOWING FIX GUIDE IS TO BE IMPLEMENTED WHEN THERE ARE ANY IMPERFECTIONS IN THE SURFACE OF THE EPOXY. YOU CAN IDENTIFY ISSUES LIKE THIS BY INSPECTING THE EPOXY'S SURFACE BEFORE APPLYING A TOPCOAT OR FINISHING YOUR INSTALLATION. FAILURE TO ADDRESS THESE ISSUES BEFORE THE TOPCOAT IS APPLIED MAY REQUIRE ADDITIONAL SANDING &/OR PRODUCT.

RAISED IMPERFECTIONS: THESE ISSUES CAN BE CAUSED BY NOT CLEANING THE SURFACE/AREA THOROUGHLY, GOING PAST THE WORKING TIME, OTHER PROJECTS BEING DONE, EXCESSIVE AIRFLOW FROM VENTS, WINDOW OR DOORS, ECT... AND MAY LEAVE THE SURFACE WITH BUT NOT LIMITED TO:

- THICKER SPOTS IN THE COATING
- DUST
- DEBRIS
 - HAIR
 - BUGS
 - DRYWALL

RECESSED IMPERFECTIONS: THESE ISSUES CAN BE CAUSED BY RAW/POROUS SUBSTRATES, CHEMICAL REACTIONS WITH THE SUBSTRATE OR EFFECTS USED, OVER MIXING/WORKING THE PRODUCT, APPLYING IT TOO THIN, ECT.... AND MAY LEAVE THE SURFACE WITH BUT NOT LIMITED TO:

- BUBBLES
- MISSED SPOTS
- DIVOTS
 - CLEAT MARKS
 - FOOT AND/OR PAW PRINTS

THIS GUIDE WILL GO OVER SOLUTIONS FOR BOTH TYPES OF IMPERFECTIONS AND WILL ALSO CONTAIN A SHOPPING LIST FOR THE ITEMS REQUIRED TO IMPLEMENT THEM. YOU WILL NEED TO DETERMINE WHICH OPTION(S) WORK BEST FOR YOU AND IF YOU ARE UNSURE OR HAVE ANY QUESTIONS, PLEASE CONTACT CUSTOMER SERVICE AT 844-534-4274 OR EMAIL US AT CUSTOMERSERVICE@LEGGARI.COM WHERE YOU CAN ALSO SEND/ATTACH ANY PHOTOS OF THE ISSUES THAT YOU ARE DEALING WITH, SO THAT WE CAN MAKE MORE INFORMED RECOMMENDATIONS.

PROCEDURES

1. INSPECT THE SURFACE AND IDENTIFY ANY IMPERFECTIONS IN THE EPOXY.
2. SAND ANY IMPERFECTIONS IN THE EPOXY FLUSH WITH 220 GRIT SANDING SCREENS/PAPER.
 - **DIVOTS/RECESSES:** SAND UNTIL THE EDGE/RIM OF THE CRATER/DIVOT IS FLUSH WITH THE MAIN SURFACE OF THE EPOXY (WHEN THE GLOSSY RING DISAPPEARS YOU WILL KNOW ITS FLUSH).
 - **DUST/DEBRIS:** SAND THE HIGH SPOTS LEFT BY THE DUST/DEBRIS FLUSH WITH THE MAIN SURFACE OF THE EPOXY, MAKING SURE TO:
 - **FLOOR MACHINE:** DO MULTIPLE LIGHT PASSES UNTIL YOU SEE THE HIGH SPOTS FLUSHED OUT. (SITTING ON ONE SPOT FOR TOO LONG CAN HEAT UP THE EPOXY AND CAUSE IT TO GUM UP AND SMEAR ACROSS THE SURFACE).
 - **ORBITAL/HAND SANDER:** HOLD THE SANDER AS LEVEL AS POSSIBLE UNTIL THE HIGH SPOTS ARE FLUSHED OUT. (IF YOU EDGE OR HOLD THE SANDER AT AN ANGLE YOU RISK DIGGING THROUGH THE EPOXY AROUND THE IMPERFECTION AND EXPOSING THE SUBSTRATE).
3. VACUUM/CLEAN THE DUST OFF OF THE SURFACE, MAKING SURE THAT NONE OF THE DUST HAS BUILT UP IN ANY OF THE LOWS SPOTS LEFT BY THE IMPERFECTIONS OR ALONG THE WALL AND/OR TRIM.
4. SPRAY AND WIPE THE SURFACE DOWN WITH DENATURED ALCOHOL. (YOU SHOULD BE ABLE TO WIPE YOU HAND ACROSS THE SURFACE WITHOUT ANY RESIDUE COMING UP WITH ON IT).
 - **FLOORS:** USE A NEW/CLEAN 3 GAL. WEED SPRAYER, AND A MICROFIBER MOP.
 - **COUNTERTOPS:** USE A NEW/CLEAN HAND SPRAYER, AND MICROFIBER RAG.

IF RAISED IMPERFECTIONS WERE THE ONLY ISSUES IN THE COATING, YOU MAY SKIP STEPS (5 - 9) AS THEY ARE SPECIFIC TO RECESSED IMPERFECTIONS.

5. INSPECT THE RECESSES FOR ANY THAT STAND OUT FROM THE OTHERS AND MARK THEM WITH A PIECE OF TAPE. (OUR MAIN CONCERNS ARE SPOTS THAT ARE DOWN TO THE PRIMER OR BUBBLE CRATERS THAT HAVE A PINHOLE OR CAVITY CAUSED BY THE SUBSTRATE).

PROCEDURES (CONTINUED)

6. FILL THE LOW SPOTS USING THE JB WELD EPOXY SYRINGES WITH THE STATIC MIXER ATTACHED TO INJECT THE EPOXY DIRECTLY INTO EACH OF THE RECESSES. (MAKE SURE IT IS EITHER FLUSH OR A LITTLE HIGHER THAN THE MAIN SURFACE).

- **RECESSIONS MARKED WITH TAPE:** THE AREAS THAT YOU MARKED WITH TAPE MAY REQUIRE YOU TO FILL THEM WITH EPOXY THAT HAS BEEN COLORED WITH OUR METALLICS TO MAKE SURE THE SUBSTRATE AND/OR PRIMER IS NO LONGER VISIBLE.
- **PIGMENTED WHITE:** IF THE SPOTS YOU ARE FILLING ARE IN AN AREA WITH OUR SOLID WHITE, THEN YOU WILL NEED TO DO THEM WITH OUR WHITE RESIN OR YOU CAN ALSO USE JB WELD MARINE-WELD WHITE. (DOING THESE WITH CLEAR RESIN WILL SHOW AMBERING/DISCOLORING MUCH MORE THAN THE WHITE).

7. INSPECT THE SURFACE TO MAKE SURE YOU DIDN'T MISS ANY OF THE IMPERFECTIONS.

8. WAIT 2-3 HRS

9. SAND THE PATCHES WITH 220 GRIT SANDPAPER IN A CIRCULAR MOTION UNTIL FLUSH WITH THE MAIN SURFACE.

10. VACUUM/CLEAN THE DUST OFF OF THE SURFACE.

11. SPRAY AND WIPE THE SURFACE DOWN WITH DENATURED ALCOHOL. (YOU SHOULD BE ABLE TO WIPE YOU HAND ACROSS THE SURFACE WITHOUT ANY RESIDUE COMING UP WITH ON IT).

- **FLOORS:** USE A NEW/CLEAN 3 GAL. WEED SPRAYER, AND A MICROFIBER MOP.
- **COUNTERTOPS:** USE A NEW/CLEAN HAND SPRAYER, AND MICROFIBER RAG.

12. INSPECT THE SURFACE TO MAKE SURE ALL PATCHES HAVE BEEN SANDED FLUSH.

13. APPLY THE TOPCOAT ORDERED WITH YOUR KIT FOLLOWING THE TUTORIAL VIDEO AND/OR INSTALLATION GUIDE FOR SAID PRODUCT.

SHOPPING LIST:

EPOXY KIT(S): IMPERFECTIONS

DESCRIPTION

THIS SHOPPING LIST IS SET UP FOR THE MATERIALS REQUIRED TO IMPLEMENT OUR IMPERFECTIONS FIX GUIDE FOR EPOXY APPLICATIONS. ALL PRODUCTS LISTED BELOW ARE IN ADDITION TO AND PURCHASED SEPARATELY FROM OUR KITS/SYSTEMS. MOST OF THESE ITEMS CAN BE FOUND AT HOME DEPOT, LOWES, ACE HARDWARE, MENARDS, SHERWIN WILLIAMS OR YOUR LOCAL HOME IMPROVEMENT STORE. IF SOME ITEMS AREN'T AVAILABLE LOCALLY YOU MAY NEED TO PURCHASE THEM ONLINE. MANY IF NOT ALL OF THESE ITEMS ARE AVAILABLE ON AMAZON.COM AS WELL (PACK QUANTITIES MAY VARY).

SOME OF THE ITEMS LISTED MAY HAVE ALREADY BEEN PURCHASED BASED ON A SEPARATE LEGGARI PRODUCTS SHOPPING LIST PERTAINING TO YOUR INSTALLATION. MAKE SURE TO CROSS REFERENCE EACH LEGGARI SHOPPING LIST YOU MAY BE USING, TO MAKE SURE YOU ARE NOT BUYING REDUNDANT ITEMS.

WHEN IMPLEMENTING THIS FIX FOR A KIT WITH A WHITE BASE COLOR OR HIGHLIGHT YOU WILL NOT WANT TO FILL ANY LOW SPOTS/RECESSES WITH CLEAR RESIN OR THIS WILL SHOW AMBERING/YELLOWING IN THE CLEAR AREAS. MAKE SURE TO USE EITHER OUR RESIN AND WHITE PIGMENT OR THE JB WELD MARINE WELD SPECCED BELOW.

IF YOU ARE UNABLE TO OBTAIN ANY OF THE ITEMS ON THE SHOPPING LIST FOR ANY REASON, PLEASE CONTACT US AT CUSTOMERSERVICE@LEGGARI.COM SO THAT WE CAN ASSIST YOU IN FINDING SUITABLE SUBSTITUTIONS FOR THEM AND/OR OTHER PLACES TO FIND/PURCHASE THEM.

RECOMMENDED PPE/SAFTEY EQUIPMENT

AT LEGGARI PRODUCTS WE ALWAYS RECOMMEND WEARING THE PROPER PPE OR SAFTEY EQUIPMENT, BELOW ARE THE ITEMS WE MOST COMMONLY USE BUT YOU MUST (AT YOUR OWN DISCRETION) DETERMINE WHAT IS NEEDED FOR YOUR SPECIFIC APPLICATION/INSTALLATION AS EVERY JOB IS DIFFERENT.

- [CLEAR SAFTEY GLASSES](#) (1 PAIR PER INSTALLER)
- [CLEAR FACE SHIELD](#) (OPTIONAL/IF NEEDED IN PLACE OF GLASSES)
- [RESPIRATOR/FACE MASK](#) (FOR USE WHEN SANDING OR VACUUMING)
- (1) [PACK OF RUBBER GLOVES](#) (FOR MIXING AND APPLICATION)
- [MEDIUM - HEAVY DUTY WORK GLOVES](#) (1 PAIR PER INSTALLER)
- [RE-USABLE EAR PLUGS](#) OR [EAR MUFFS](#) (1 PAIR PER INSTALLER)
- [KNEE PADS](#) (FOR ANYONE THAT WILL BE HAND SANDING OR CLEANING)

HAND SANDING TOOLS/ITEMS

- 5" - 6" [ORBITAL/PALM SANDER](#) (FOR EDGES&/OR TIGHT SPOTS)
- 5" - 6", [220 GRIT SANDING PADS/SCREENS](#) (ORBITAL/PALM SANDER)
- [220 GRIT SPONGE/BLOCK SANDER](#) (FOR CORNERS AND TIGHT SPOTS)
- [EXTENSION CORD](#) (SEE THE MANUAL FOR SIZING/POWER REQUIREMNTS)

FLOOR MACHINE/SANDING SET-UP

- 17"-20" [175 RPM DUAL SPEED, FLOOR MACHINE](#)
- 17" - 20" [220 GRIT SANDING PADS/SCREENS](#) (1 PER EVERY 250 SF)
- 17" - 20" [FLOOR MACHINE DUST SKIRT](#) (FOR VACUUM SET UP)
- [EXTENSION CORD](#) (IF NOT INCLUDED WITH RENTAL) (SEE THE MANUAL FOR SIZING/POWER REQUIREMENTS).

CRATER/DIVOT FILLING SUPPLIES

THERE ARE A FEW PRODUCT OPTIONS FOR FILLING LOW SPOTS IN THE EPOXY. FOR MOST APPLICATIONS WE USE JB WELD EPOXY SYRINGES AS THEY ARE FASTER, AND COME OUT MIXED WHEN USED WITH THE STATIC MIXERS.

IF DEALING WITH A LARGER QUANTITY AND/OR SIZE OF RECESSES, YOU MAY WISH TO PURCHASE A LEGGARI PRODUCTS SAMPLE KIT IN THE SAME COLOR COMBO AS YOUR KIT. AFTER MIXING THE PRODUCT YOU WILL THEN PULL IT INTO AND APPLY IT WITH A MEDICAL SYRINGE. USING ARE EPOXY FOR THE PATCHES, WILL REQUIRE 12-24 HRS BEFORE YOU ARE ABLE TO SAND, AND YOU MUST ADJUST FOR THIS IN **STEPS 5-8**.

- JB WELD [CLEAR WELD](#) OR [MARINE WELD](#) SYRINGE(S)
- JB WELD [STATIC MIXERS](#) (ELIMINATES HAVING TO MIX BY HAND)
- [REGULAR](#) OR [METALLIC](#) MARKERS (COLORS MATCHING YOUR EPOXY)
- [METALLIC EPOXY SAMPLE KIT](#) (OPTIONAL)
- [PLASTIC SYRINGE\(S\)](#) (FOR SAMPLE KIT & 1 PER COLOR OR MIX)

DUST CONTROL EQUIPMENT

- [16 GAL. WET/DRY VACUUM](#)
- [16 GAL. HEPA FILTER](#) (FOR WET/DRY VACUUM)
- [16 GAL. WET/DRY VAC FITLER BAGS](#) (FOR VACUUM)
- [HOSE ADPATER KIT](#) (FOR VACUUM TO SANDER CONNECTIONS)
- [EXTENSION CORD](#) (SEE THE MANUAL FOR SIZING/POWER REQUIREMNTS)

CLEANING SUPPLIES & EQUIPMENT

- (1) PACK OF [RUBBER GLOVES](#)
- (1) [ZEP, HIGH OUTPUT SPRAYER](#) (FOR DENATURED ALCOHOL/WATER)
- 1 GAL. OF [DENATURED ALCOHOL](#)
- (1) BAG, [ALL-PURPOSE WIPING CLOTHS](#)
- [MICRO-FIBER CLOTH](#) OR [FLAT MOP W/PAD](#)
- ACCESS TO CLEAN/POTABLE WATER