



**Pretty. Tough. Paint.**

## Repairing: Solid Metal

Solid Metal is a custom finish created under a particular set of conditions in a particular space. Variables associated with the composition of the materials and the application technique combine to create a color/metallic particle effect that is unique at the particle level. **The key to a successful touch-up of a Solid Metal finish, therefore, hinges on the ability to duplicate as many of the variables as possible during the touch-up work as were present at the original installation.** For example, restoring and priming the damaged surface to the point where it exhibits the same degree of smoothness as the original surface; using material from the same batch that has not settled or separated too much whenever possible; spraying the touch-up material rather than brushing/rolling.

The recommended procedure for performing a touch-up on a Solid Metal finish depends upon the size and prominence (e.g., is the damage at eye level with a halogen track light shining on it, or is it down by the base board) of the damaged area.

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### Small Scratch or Puncture/Not Prominent Area

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1. Restore the damaged surface to the same condition as the surrounding undamaged surface. Repair gouges/punctures using joint compound or spackling paste. Sand and prime repaired area in such a manner as to duplicate as closely as possible the smoothness and absorbency of surrounding undamaged surface.
2. For very small “dings”, use an artist brush to apply Scuffmaster Metalli-Coat 2000 (MC2000) metallic base coat over the prepared surfaces. Use material from the same batch as the original installation if possible. It is not necessary to crosslink material used for small touch-ups. Prepare the material the same as the original installation: thoroughly mix, strain, etc. Apply the MC2000 to the repaired area.
3. When the MC2000 becomes tacky, use the flat, broad side of a 3” foam brush to tap repair. This will soften the edges of the repair by picking up and laying down the MC2000. Do not press too hard as that will lift too much of the MC2000 and prolong the repair process.
4. Repeat steps 2 and 3 until the color of the patched area matches the surrounding area.

Because this repair is not in a prominent area, the application of the Ultra Clear coat is not necessary.

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### Scratch or Puncture/Prominent Area

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For scratches and punctures in prominent areas an aerosol spray tool (e.g., Crown Spraying Tool available at most major paint stores) may be used to good effect. Repair the substrate to the same standards as the original installation. Prepare the MC2000 the same as the original installation: thorough mixing, straining, etc.



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For best results the material should be reduced to a ratio of 2-1 (MC2000 to water). This will allow for more complete atomization of the paint. Position the nozzle of the spray tool approximately 11/2' from the wall. To prevent spitting, use a spray shield before spraying on the substrate. Apply in very light passes allowing sufficient time for the paint to set up before the next pass. This mixture of overly thinned paint will be very susceptible to sagging!

A successful patch will exhibit little to no sheen variation. If a successful spot-repair is achieved with the MC2000, DO NOT APPLY THE ULTRA CLEAR. This will cause flashing.

In the event of an unsuccessful spot repair, be prepared to spray the surrounding area with 1-2 light passes of the MC2000. This will blend in the repair with the rest of the wall.

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### **Large Repair**

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Large repairs may be accomplished with a "spot" touch-up. That is, the damaged area is blended into the existing finish. This should always be attempted first. When successful, it is a very time-effective method of repairing the damaged area. If it appears it will not be an acceptable repair, this serves as the first step in re-applying the Metall-Coat 2000 from corner-to-corner, which will be explained further in the following paragraphs.

For the spot repair, the damaged area must be restored to the original surface condition prior to the initial Solid Metal installation. Using the same method of application (HVL, conventional, etc.) apply multiple light passes of the Metall-Coat 2000 to the damaged area. Start in the center of the damaged area, moving outward with each subsequent pass. This will "feather" the new material into the existing finish.

Often, it is difficult to achieve an even finish without flashing from the Metall-Coat 2000. If that happens when attempting the spot repair the only way to fix it is to spray corner-to-corner. Continue with the spot repair until the color on the damaged area matches the rest of the wall (with the exception of the flashing). Follow this with 1-2 light passes over the entire surface. This light, even layer of Metall-Coat 2000 will blend the damaged area with the rest of the wall, covering any flashing. Finish the repair with one coat of the Ultra Clear protective clear coat.